TEST REPORT

Applicant : NINGBO KANGTAN INTELLIGENT TECHNOLOGY CO., LTD.
Address : No. 124, Sanbei West Road, Jiangjiaqiao Village, Guanhaiwei Town, Cixi City

Product Description : Soda maker
Type/Style/Item No. : Please refer to next Pages.
Manufacturer : /

The above sample(s) and information were provided by the client.

Sample Receiving Date : Jun.30th, 2025
Testing Period : Jun.30th, 2025- Jul.10th, 2025

Testing Category : Entrusting Test
Sample Status : Sample is suitable for testing.
Testing Requested : Please refer to next Pages.
Testing Method : Please refer to next Pages.
Testing Results : Please refer to next Pages.

Revised report, instead of 8621.SHJ6.2507.02086.3, 2025-07-21

TÜV Thüringen (Shanghai) Co., Ltd. TESTING

Signed for and on behalf of
Jordan Wang, General Manager
BU Chemical Compliance
TUV THURINGEN (SHANGHAI) CO., LTD.
Location: Shanghai

THÜRINGEN CHINA
TUV THURINGEN (SHANGHAI) CO., LTD.
E-mail: shanghai@tuv-thuringen.com.cn Tel: 86-21-50651568
Web.: https://www.tuev-thueringen.de www.tuv-thuringen.com.cn
Room 2502 Yu'an Building, 738 Dongfang Road, Pudong District, Shanghai,PRC

Type/Style/Item No.:

KT-118/KT-118A-Z, KT-128/KT-128A-Z, KT-138/KT-138A-Z, KT-158/KT-158A-Z, KT-168/KT-168A-Z, KT-178/KT-178A-Z, KT-188/KT-188A-Z, KT-198/KT-198A-Z, KT-110/KT-110A-Z, KT-120/KT-120A-Z, KT-130/KT-130A-Z, KT-150/KT-150A-Z, KT-160/KT-160A-Z, KT-170/KT-170A-Z, KT-180/KT-180A-Z KT-190/KT-190A-Z, KT-121/KT-121A-Z, KT-131/KT-131A-Z, KT-151/KT-151A-Z, KT-161/KT-161A-Z KT-171/KT-171A-Z, KT-181/KT-181A-Z, KT-191/KT-191A-Z, KT-192/KT-192A-Z, KT-193/KT-193A-Z KT-195/KT-195A-Z, KT-196/KT-196A-Z, KT-197/KT-197A-Z, KT-198/KT-198A-Z, KT-199/KT-199A-Z KT-122/KT-122A-Z, KT-123/KT-123A-Z, KT-125/KT-125A-Z, KT-126/KT-126A-Z, KT-127/KT-127A-Z, KT-128/KT-128A-Z, KT-128/KT-129A-Z, KT-132/KT-132A-Z, KT-133/KT-133A-Z, KT-135/KT-135A-Z, KT-136/KT-136A-Z, KT-137/KT-137A-Z, KT-138/KT-138A-Z, KT-139/KT-139A-Z, KT-152/KT-152A-Z KT-153/KT-153A-Z, KT-155/KT-155A-Z, KT-156/KT-156A-Z, KT-157/KT-157A-Z, KT-158/KT-158A-Z KT-159/KT-159A-Z; KT-162/KT-162A-Z, KT-163/KT-163A-Z, KT-165/KT-165A-Z, KT-166/KT-166A-Z, KT-167/KT-167A-Z, KT-169/KT-169A-Z, KT-172/KT-172A-Z, KT-173/KT-173A-Z, KT-175/KT-175A-Z, KT-176/KT-176A-Z, KT-177/KT-177A-Z, KT-178/KT-178A-Z, KT-179/KT-179A-Z, KT-182/KT-182A-Z, KT-183/KT-183A-Z, KT-185/KT-185A-Z, KT-186/KT-186A-Z, KT-187/KT-187A-Z, KT-188/KT-188A-Z, KT-189/KT-189A-Z, KT-218/KT-218A-Z, KT-228/KT-228A-Z, KT-238/KT-238A-Z, KT-248/KT-248A-Z, KT-258/KT-258A-Z, KT-268/KT-268A-Z, KT-278/KT-278A-Z, KT-288/KT-288A-Z, KT-298/KT-298A-Z, KT-101/KT-101A-Z, KT-102/KT-102A-Z, KT-103/KT-103A-Z, KT-104/KT-104A-Z, KT-105/KT-105-Z, KT-106/KT-106A-Z, KT-107/KT-107A-Z, KT-108/KT-108A-Z, KT-109/KT-109A-Z, KT-110/KT-110A-Z, KT-111/KT-111A-Z, KT-112/KT-112A-Z, KT-113/KT-113A-Z, KT-114/KT-114A-Z, KT-115/KT-115A-Z, KT-116/KT-116A-Z, KT-117/KT-117A-Z, KT-118/KT-118A-Z, KT-119/KT-119A-Z, KT-120/KT-120A-Z, KT-121/KT-121A-Z, KT-122/KT-122A-Z, KT-123/KT-123A-Z, KT-124/KT-124A-Z, KT-125/KT-125A-Z, KT-126/KT-126A-Z, KT-127/KT-127A-Z, KT-128/KT-128A-Z, KT-129/KT-129A-Z, KT-130/KT-130A-Z, KT-131/KT-131A-Z, KT-132/KT-132A-Z, KT-133/KT-133A-Z, KT-134/KT-134A-Z, KT-135/KT-135A-Z, KT-136/KT-136A-Z, KT-137/KT-137A-Z, KT-138/KT-138A-Z, KT-139/KT-139A-Z, KT-140/KT-140A-Z, KT-141/KT-141A-Z, KT-142/KT-142A-Z, KT-143/KT-143A-Z, KT-144/KT-144A-Z, KT-145/KT-145A-Z, KT-146/KT-146A-Z, KT-147/KT-147A-Z, KT-148/KT-148A-Z, KT-149/KT-149A-Z, KT-150/KT-150A-Z, KT-151/KT-151A-Z; KT-152/KT-152A-Z, KT-153/KT-153A-Z, KT-154/KT-154A-Z, KT-155/KT-155A-Z, KT-156/KT-156A-Z, KT-157/KT-157A-Z, KT-158/KT-158A-Z, KT-159/KT-159A-Z, KT-160/KT-160A-Z, KT-161/KT-161A-Z, KT-162/KT-162A-Z, KT-163/KT-163A-Z, KT-164/KT-164A-Z, KT-165/KT-165A-Z, KT-166/KT-166A-Z, KT-167/KT-167A-Z, KT-168/KT-168A-Z, KT-169/KT-169A-Z, KT-170/KT-170A-Z, KT-171/KT-171A-Z, KT-172/KT-172A-Z, KT-173/KT-173A-Z, KT-174/KT-174A-Z, KT-175/KT-175A-Z, KT-176/KT-176A-Z, KT-177/KT-177A-Z, KT-178/KT-178A-Z, KT-179/KT-179A-Z, KT-180/KT-180A-Z, KT-181/KT-181A-Z, KT-182/KT-182A-Z, KT-183/KT-183A-Z, KT-184/KT-184A-Z, KT-185/KT-185A-Z, KT-186/KT-186A-Z, KT-187/KT-187A-Z, KT-188/KT-188A-Z, KT-189/KT-189A-Z, KT-190/KT-190A-Z, KT-191/KT-191A-Z, KT-192/KT-192A-Z, KT-193/KT-193A-Z, KT-194/KT-194A-Z, KT-195/KT-195A-Z, KT-196/KT-196A-Z, KT-197/KT-197A-Z, KT-198/KT-198A-Z, KT-199/KT-199A-Z, KT-201/KT-201A-Z, KT-202/KT-202A-Z, KT-203/KT-203A-Z, KT-204/KT-204A-Z, KT-205/KT-205-Z, KT-206/KT-206A-Z, KT-207/KT-207A-Z, KT-208/KT-208A-Z, KT-209/KT-209A-Z, KT-210/KT-210A-Z, KT-211/KT-211A-Z, KT-212/KT-212A-Z, KT-213/KT-213A-Z, KT-214/KT-214A-Z, KT-215/KT-215A-Z, KT-216/KT-216A-Z, KT-217/KT-217A-Z, KT-218/KT-218A-Z, KT-219/KT-219A-Z, KT-220/KT-220A-Z, KT-221/KT-221A-Z, KT-222/KT-222A-Z, KT-223/KT-223A-Z, KT-224/KT-224A-Z, KT-225/KT-225A-Z, KT-226/KT-226A-Z, KT-

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KT-841/KT-841A-Z, KT-842/KT-842A-Z, KT-843/KT-843A-Z, KT-844/KT-844A-Z, KT-845/KT-845A-Z
KT-846/KT-846A-Z, KT-847/KT-847A-Z, KT-848/KT-848A-Z, KT-849/KT-849A-Z, KT-850/KT-850A-Z

KT-851/KT-851A-Z; KT-852/KT-852A-Z, KT-853/KT-853A-Z, KT-854/KT-854A-Z, KT-855/KT-855A-Z, KT-856/KT-856A-Z, KT-857/KT-857A-Z, KT-858/KT-858A-Z, KT-859/KT-859A-Z, KT-860/KT-860A-Z, KT-861/KT-861A-Z, KT-862/KT-862A-Z, KT-863/KT-863A-Z, KT-864/KT-864A-Z, KT-865/KT-865A-Z, KT-866/KT-866A-Z, KT-867/KT-867A-Z, KT-868/KT868A-Z, KT-869/KT-869A-Z, KT-870/KT-870A-Z, KT-871/KT-871A-Z, KT-872/KT-872A-Z, KT-873/KT-873A-Z, KT-874/KT-874A-Z, KT-875/KT-875A-Z, KT-876/KT-876A-Z, KT-877/KT-877A-Z, KT-878/KT-878A-Z, KT-879/KT-879A-Z, KT-880/KT-880A-Z, KT-881/KT-881A-Z, KT-882/KT-882A-Z, KT-883/KT-883A-Z, KT-884/KT-884A-Z, KT-885/KT-885A-Z, KT-886/KT-886A-Z, KT-887/KT-887A-Z, KT-888/KT-888A-Z, KT-889/KT-889A-Z, KT-890/KT-890A-Z, KT-891/KT-891A-Z, KT-892/KT-892A-Z, KT-893/KT-893A-Z, KT-894/KT-894A-Z, KT-895/KT-895A-Z, KT-896/KT-896A-Z, KT-897/KT-897A-Z, KT-898/KT-898A-Z, KT-899/KT-899A-Z,

“A-Z” represents 24 letters of the English alphabet

TEST REQUESTED AND CONCLUSION

Tested Part	Testing Requested	Conclusion
-	EU Regulation 1935/2004/EC on materials and articles intended to come into contact with food, Regulation (EU) No.10/2011 on plastic materials and articles intended to come into contact with food with amending directives, Council of Europe Resolution CM/Res(2020)9 on the safety and quality of materials and articles for contact with food and EDQM METALS AND ALLOYS used in food contact materials and articles 2nd Edition 2024, French Décret 2007-766 with amendments, DGCCRF Methodological Sheet Règles relatives aux matériaux inorganiques (hors métaux et alliages) destinés à entrer en contact avec des denrées alimentaires DM/4B/COM/002 and as request by Client	-
P1	- Sensorial examination odor and taste test	PASS
P2	- Overall Migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 10 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 20 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Heavy Metal Migration (19 elements): 3 % acetic acid (w/v); 40°C, 0.5hour.	PASS
	- Primary Aromatic Amine special migration, individual: 3% acetic acid, 40°C, 0.5 hour.	PASS
	- Bisphenol A (BPA) specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Phthalates specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Formaldehyde migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	
	- Bisphenol A (BPA) content	PASS
P3	- Overall Migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 10 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 20 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Heavy Metal Migration (19 elements): 3 % acetic acid (w/v); 40°C, 0.5hour.	PASS
	- Primary Aromatic Amine special migration, individual: 3% acetic acid, 40°C, 0.5 hour.	PASS
	- Bisphenol A (BPA) specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Phthalates specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Formaldehyde migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	
	- Bisphenol A (BPA) content	PASS

Tested Part	Testing Requested	Conclusion
P4	- Overall Migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 10 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 20 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Heavy Metal Migration (19 elements): 3 % acetic acid (w/v); 40°C, 0.5hour.	PASS
	- Primary Aromatic Amine special migration, individual: 3% acetic acid, 40°C, 0.5 hour.	PASS
	- Bisphenol A (BPA) specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Phthalates specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	-Terephthalic acid, Isophthalic acid, Ethylene glycol and Diethylene glycol, Antimony: Deionized water, 40 °C, 24 hours	PASS
	-Bisphenol A (BPA) content	PASS
P5	- Overall Migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 10 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 20 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Heavy Metal Migration (19 elements): 3 % acetic acid (w/v); 40°C, 0.5hour.	PASS
	- Primary Aromatic Amine special migration, individual: 3% acetic acid, 40°C, 0.5 hour.	PASS
	- Bisphenol A (BPA) specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Phthalates specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	-Bisphenol A (BPA) content	PASS
P6	- Heavy Metal Migration(24 elements)	PASS
P7	- Heavy Metal Migration(24 elements)	PASS
P8	- Overall Migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 10 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 20 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Heavy Metal Migration (19 elements): 3 % acetic acid (w/v); 40°C, 0.5hour.	PASS
	- Primary Aromatic Amine special migration, individual: 3% acetic acid, 40°C, 0.5 hour.	PASS
	- Bisphenol A (BPA) specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Phthalates specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Formaldehyde migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Bisphenol A (BPA) content	PASS

Tested Part	Testing Requested	Conclusion
P9	- Overall Migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 10 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 20 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Heavy Metal Migration (19 elements): 3 % acetic acid (w/v); 40°C, 0.5hour.	PASS
	- Primary Aromatic Amine special migration, individual: 3% acetic acid, 40°C, 0.5 hour.	PASS
	- Organic Tin content	PASS
	- Peroxide Value	PASS
	- Volatile organic matter (VOM): 200°C, 4hours	PASS
	- Tin migration I: 3% acetic acid, 40°C, 0.5 hour.	PASS
	- Bisphenol A (BPA) content	PASS
P10	- Lead,Cadmium and Cobalt migration	PASS
P11	- Overall Migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 10 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 20 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Heavy Metal Migration (19 elements): 3 % acetic acid (w/v); 40°C, 0.5hour.	PASS
	- Primary Aromatic Amine special migration, individual: 3% acetic acid, 40°C, 0.5 hour.	PASS
	- Bisphenol A (BPA) specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Phthalates specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	-Bisphenol A (BPA) content	PASS
P12	- Overall Migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 10 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 20 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Heavy Metal Migration (19 elements): 3 % acetic acid (w/v); 40°C, 0.5hour.	PASS
	- Primary Aromatic Amine special migration, individual: 3% acetic acid, 40°C, 0.5 hour.	PASS
	- Bisphenol A (BPA) specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Phthalates specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	-Bisphenol A (BPA) content	PASS

Tested Part	Testing Requested	Conclusion
P13	- Overall Migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 10 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Overall Migration: 20 % ethanol (v/v), 40 °C, 0.5 hour	PASS
	- Heavy Metal Migration (19 elements): 3 % acetic acid (w/v); 40°C, 0.5hour.	PASS
	- Primary Aromatic Amine special migration, individual: 3% acetic acid, 40°C, 0.5 hour.	PASS
	- Bisphenol A (BPA) specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- Phthalates specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	- 2,2,4,4-Tetramethyl-1,3-cyclobutanediol(TMCD) specific migration: 3 % Acetic acid (w/v), 40 °C, 0.5 hour	PASS
	-Bisphenol A (BPA) content	PASS

TESTS CARRIED BY:

LAB ID: TTSLCM006; ADD.: ROOM 806, BUILDING 9 (NORTH), WANLUN TECHNOLOGY PARK, NO.88, JIANGLING ROAD, BINJIANG DISTRICT, HANGZHOU, ZHEJIANG, CHINA

Note: The tested part, migration conditions, and model of the sample were specified by client; The test conclusion was given based on the results of tested part.

SAMPLE DESCRIPTION

Part Num.	Sample ID	Description
P1	NS25061696	Bubble water machine
P2	NS25061696-1	Black plastic (POM)
P3	NS25061696-2	White plastic (POM)
P4	NS25061696-3	Water bottle (PET)
P5	NS25061696-4	Bottle cap (PP)
P6	NS25061696-5	Aluminum tube
P7	NS25061696-6	Filter tube (stainless steel
P8	NS25061696-7	Base (PA6+30%GF)
P9	NS25061696-8	Water bottle seal (silicone)
P10	NS25061696-9	Water bottle (glass)
P11	NS25061696-10	Grey plastic (PP)
P12	NS25061696-11	White plastic (PP)
P13	NS25061696-12	Transparent plastic (tritan)

TEST RESULTS

1) Sensorial examination odor and taste test

Test Method: With reference to DIN 10955: 2024.

Test Condition: Distilled water; 40.0°C, 0.5hours

Test Items	Limit	P1 Result
Sensorial examination odor	2.5	0
Sensorial examination taste	2.5	0

Remark:

Scale evaluation: 0: No perceptible odor
1: Odor just perceptible
2: Moderate odor
3: Moderately strong odor
4: Strong odor

2) Overall Migration

Test Method: With reference to EN 1186-1:2002, EN 1186-2:2022 and EN 1186-3:2022.

Test Items	Limit	Unit	MDL	P2 Result		
				First	Second	Third
3 % acetic acid (w/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
10 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
20 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P3 Result		
				First	Second	Third
3 % acetic acid (w/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
10 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
20 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P4 Result		
				First	Second	Third
3 % acetic acid (w/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
10 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
20 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P5 Result		
				First	Second	Third
3 % acetic acid (w/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
10 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
20 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P8 Result		
				First	Second	Third
3 % acetic acid (w/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
10 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
20 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P9 Result		
				First	Second	Third
3 % acetic acid (w/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
10 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
20 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P11 Result		
				First	Second	Third
3 % acetic acid (w/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
10 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
20 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P12 Result		
				First	Second	Third
3 % acetic acid (w/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
10 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
20 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P13 Result		
				First	Second	Third
3 % acetic acid (w/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
10 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.
20 % ethanol (v/v) , 40°C, 0.5 hours	10	mg/dm²	5	N.D.	N.D.	N.D.

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Remark:

(1) "-" = Not Regulated;

(2) mg/kg= milligrams/kilogram, mg/dm^2=milligrams/square decimeter,mg/L= milligrams/liter,w/v= weight/volume, v/v= volume/volume;

(3) N.D. = Not Detected (<MDL);

(4) MDL = Method Detection Limit.

3) Peroxide Value

Test Method: With reference to European Pharmacopoeia, 2005 Appendix XF,2.5.5 Peroxide Value Test method A.

Test Items	Limit	MDL	P9 Result
Peroxide Value	-	0.2	0.36

Remarks:

(1) Unit: mEq/kg;

(2) "-" = Not Regulated;

(3) N.D. = Not Detected.

4) Volatile Organic Matter

Test Method: With reference to EN 14372:2004 6.3.3

Test Items	Limit	Unit	MDL	P9 Result
VOM (200°C, 4 hours)	0.5	%	0.01	0.17

Remark:

(1) "-" = Not Regulated;

(2) N.D. = Not Detected (<MDL);

(3) MDL = Method Detection Limit.

5) Organic Tin Content

Test Method: With reference to EN ISO 16179:2012, analyzed by GC-MS.

Test Items	Limit*	MDL	P9 Result
Monobutyltin, MBT	1	0.01	N.D.
Dibutyltin, DBT	0.05	0.01	N.D.
Tributyltin, TBT	0.05	0.01	N.D.
Tetrabutyltin, TeBT	-	0.01	N.D.
Monooctyltin, MOT	-	0.01	N.D.
Dioctyltin, DOT	-	0.01	N.D.
Tricyclohexyltin, TcyT	-	0.01	N.D.
Methyltin, MeT	-	0.01	N.D.
Tripropytin, TPT	-	0.01	N.D.
Dimethyltin, DMT	-	0.01	N.D.
Sum of MBT, DBT, TBT, TTBT, MOT, DOT, TcyT	2.5	-	N.D.

Remarks:
(1) Unit: mg/kg = ppm = 0.0001%;
(2) MDL= Method Detection Limit;
(3) ND = Not Detected (< MDL);
(4) "-"= Not Regulated;
(5) "*" = the limit is requested by the client.

6) Bisphenol A (BPA) Cotent

Test Method: With reference to CEN/T 13130-13-2005, analyzed by GC/MS.

Test Items	Limit	MDL	P2 Result
Bisphenol A (BPA)	Prohibited	1	N.D.

Test Items	Limit	MDL	P3 Result
Bisphenol A (BPA)	Prohibited	1	N.D.

Test Items	Limit	MDL	P4 Result
Bisphenol A (BPA)	Prohibited	1	N.D.

Test Items	Limit	MDL	P5 Result
Bisphenol A (BPA)	Prohibited	1	N.D.

Test Items	Limit	MDL	P8 Result
Bisphenol A (BPA)	Prohibited	1	N.D.

Test Items	Limit	MDL	P9 Result
Bisphenol A (BPA)	Prohibited	1	N.D.

Test Items	Limit	MDL	P11 Result
Bisphenol A (BPA)	Prohibited	1	N.D.

Test Items	Limit	MDL	P12 Result
Bisphenol A (BPA)	Prohibited	1	N.D.

Test Items	Limit	MDL	P13 Result
Bisphenol A (BPA)	Prohibited	1	N.D.

Remark:

(1) Unit: ug/kg;

(2) MDL = Method Detection Limit;

(3) N.D. = Not Detected (<MDL).

7) Heavy Metal Migration (19 elements)

Test Method: With reference to EN 13130-1:2004, analyzed by ICP-OES.

Test Condition: Food simulant: 3 % acetic acid (w/v); 40°C, 0.5 hours

Test Items	Limit	MDL	P2 Result		
			First	Second	Third
Aluminum (Al)	1	0.1	N.D.	N.D.	N.D.
Arsenic (As)	0.01	0.01	N.D.	N.D.	N.D.
Barium (Ba)	1	0.1	N.D.	N.D.	N.D.
Cadmium (Cd)	0.002	0.002	N.D.	N.D.	N.D.
Cobalt (Co)	0.05	0.01	N.D.	N.D.	N.D.
Chromium (Cr)	0.01	0.01	N.D.	N.D.	N.D.
Copper (Cu)	5	0.1	N.D.	N.D.	N.D.
Europium (Eu)	0.05	0.01	N.D.	N.D.	N.D.
Iron (Fe)	48	0.1	N.D.	N.D.	N.D.
Gadolinium (Gd)	0.05	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	0.01	0.01	N.D.	N.D.	N.D.
Lanthanum (La)	0.05	0.01	N.D.	N.D.	N.D.
Lithium (Li)	0.6	0.1	N.D.	N.D.	N.D.
Manganese (Mn)	0.6	0.1	N.D.	N.D.	N.D.
Nickel (Ni)	0.02	0.01	N.D.	N.D.	N.D.
Lead (Pb)	0.01	0.01	N.D.	N.D.	N.D.
Antimony (Sb)	0.04	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	0.05	0.01	N.D.	N.D.	N.D.
Zinc (Zn)	5	0.1	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P3 Result		
			First	Second	Third
Aluminum (Al)	1	0.1	N.D.	N.D.	N.D.
Arsenic (As)	0.01	0.01	N.D.	N.D.	N.D.
Barium (Ba)	1	0.1	N.D.	N.D.	N.D.
Cadmium (Cd)	0.002	0.002	N.D.	N.D.	N.D.
Cobalt (Co)	0.05	0.01	N.D.	N.D.	N.D.
Chromium (Cr)	0.01	0.01	N.D.	N.D.	N.D.
Copper (Cu)	5	0.1	N.D.	N.D.	N.D.
Europium (Eu)	0.05	0.01	N.D.	N.D.	N.D.
Iron (Fe)	48	0.1	N.D.	N.D.	N.D.
Gadolinium (Gd)	0.05	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	0.01	0.01	N.D.	N.D.	N.D.
Lanthanum (La)	0.05	0.01	N.D.	N.D.	N.D.
Lithium (Li)	0.6	0.1	N.D.	N.D.	N.D.
Manganese (Mn)	0.6	0.1	N.D.	N.D.	N.D.
Nickel (Ni)	0.02	0.01	N.D.	N.D.	N.D.
Lead (Pb)	0.01	0.01	N.D.	N.D.	N.D.
Antimony (Sb)	0.04	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	0.05	0.01	N.D.	N.D.	N.D.
Zinc (Zn)	5	0.1	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P4 Result		
			First	Second	Third
Aluminum (Al)	1	0.1	N.D.	N.D.	N.D.
Arsenic (As)	0.01	0.01	N.D.	N.D.	N.D.
Barium (Ba)	1	0.1	N.D.	N.D.	N.D.
Cadmium (Cd)	0.002	0.002	N.D.	N.D.	N.D.
Cobalt (Co)	0.05	0.01	N.D.	N.D.	N.D.
Chromium (Cr)	0.01	0.01	N.D.	N.D.	N.D.
Copper (Cu)	5	0.1	N.D.	N.D.	N.D.
Europium (Eu)	0.05	0.01	N.D.	N.D.	N.D.
Iron (Fe)	48	0.1	N.D.	N.D.	N.D.
Gadolinium (Gd)	0.05	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	0.01	0.01	N.D.	N.D.	N.D.
Lanthanum (La)	0.05	0.01	N.D.	N.D.	N.D.
Lithium (Li)	0.6	0.1	N.D.	N.D.	N.D.
Manganese (Mn)	0.6	0.1	N.D.	N.D.	N.D.
Nickel (Ni)	0.02	0.01	N.D.	N.D.	N.D.
Lead (Pb)	0.01	0.01	N.D.	N.D.	N.D.
Antimony (Sb)	0.04	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	0.05	0.01	N.D.	N.D.	N.D.
Zinc (Zn)	5	0.1	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P5 Result		
			First	Second	Third
Aluminum (Al)	1	0.1	N.D.	N.D.	N.D.
Arsenic (As)	0.01	0.01	N.D.	N.D.	N.D.
Barium (Ba)	1	0.1	N.D.	N.D.	N.D.
Cadmium (Cd)	0.002	0.002	N.D.	N.D.	N.D.
Cobalt (Co)	0.05	0.01	N.D.	N.D.	N.D.
Chromium (Cr)	0.01	0.01	N.D.	N.D.	N.D.
Copper (Cu)	5	0.1	N.D.	N.D.	N.D.
Europium (Eu)	0.05	0.01	N.D.	N.D.	N.D.
Iron (Fe)	48	0.1	N.D.	N.D.	N.D.
Gadolinium (Gd)	0.05	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	0.01	0.01	N.D.	N.D.	N.D.
Lanthanum (La)	0.05	0.01	N.D.	N.D.	N.D.
Lithium (Li)	0.6	0.1	N.D.	N.D.	N.D.
Manganese (Mn)	0.6	0.1	N.D.	N.D.	N.D.
Nickel (Ni)	0.02	0.01	N.D.	N.D.	N.D.
Lead (Pb)	0.01	0.01	N.D.	N.D.	N.D.
Antimony (Sb)	0.04	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	0.05	0.01	N.D.	N.D.	N.D.
Zinc (Zn)	5	0.1	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P8 Result		
			First	Second	Third
Aluminum (Al)	1	0.1	N.D.	N.D.	N.D.
Arsenic (As)	0.01	0.01	N.D.	N.D.	N.D.
Barium (Ba)	1	0.1	N.D.	N.D.	N.D.
Cadmium (Cd)	0.002	0.002	N.D.	N.D.	N.D.
Cobalt (Co)	0.05	0.01	N.D.	N.D.	N.D.
Chromium (Cr)	0.01	0.01	N.D.	N.D.	N.D.
Copper (Cu)	5	0.1	N.D.	N.D.	N.D.
Europium (Eu)	0.05	0.01	N.D.	N.D.	N.D.
Iron (Fe)	48	0.1	N.D.	N.D.	N.D.
Gadolinium (Gd)	0.05	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	0.01	0.01	N.D.	N.D.	N.D.
Lanthanum (La)	0.05	0.01	N.D.	N.D.	N.D.
Lithium (Li)	0.6	0.1	N.D.	N.D.	N.D.
Manganese (Mn)	0.6	0.1	N.D.	N.D.	N.D.
Nickel (Ni)	0.02	0.01	N.D.	N.D.	N.D.
Lead (Pb)	0.01	0.01	N.D.	N.D.	N.D.
Antimony (Sb)	0.04	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	0.05	0.01	N.D.	N.D.	N.D.
Zinc (Zn)	5	0.1	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P9 Result		
			First	Second	Third
Aluminum (Al)	1	0.1	N.D.	N.D.	N.D.
Arsenic (As)	0.01	0.01	N.D.	N.D.	N.D.
Barium (Ba)	1	0.1	N.D.	N.D.	N.D.
Cadmium (Cd)	0.002	0.002	N.D.	N.D.	N.D.
Cobalt (Co)	0.05	0.01	N.D.	N.D.	N.D.
Chromium (Cr)	0.01	0.01	N.D.	N.D.	N.D.
Copper (Cu)	5	0.1	N.D.	N.D.	N.D.
Europium (Eu)	0.05	0.01	N.D.	N.D.	N.D.
Iron (Fe)	48	0.1	N.D.	N.D.	N.D.
Gadolinium (Gd)	0.05	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	0.01	0.01	N.D.	N.D.	N.D.
Lanthanum (La)	0.05	0.01	N.D.	N.D.	N.D.
Lithium (Li)	0.6	0.1	N.D.	N.D.	N.D.
Manganese (Mn)	0.6	0.1	N.D.	N.D.	N.D.
Nickel (Ni)	0.02	0.01	N.D.	N.D.	N.D.
Lead (Pb)	0.01	0.01	N.D.	N.D.	N.D.
Antimony (Sb)	0.04	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	0.05	0.01	N.D.	N.D.	N.D.
Zinc (Zn)	5	0.1	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P11 Result		
			First	Second	Third
Aluminum (Al)	1	0.1	N.D.	N.D.	N.D.
Arsenic (As)	0.01	0.01	N.D.	N.D.	N.D.
Barium (Ba)	1	0.1	N.D.	N.D.	N.D.
Cadmium (Cd)	0.002	0.002	N.D.	N.D.	N.D.
Cobalt (Co)	0.05	0.01	N.D.	N.D.	N.D.
Chromium (Cr)	0.01	0.01	N.D.	N.D.	N.D.
Copper (Cu)	5	0.1	N.D.	N.D.	N.D.
Europium (Eu)	0.05	0.01	N.D.	N.D.	N.D.
Iron (Fe)	48	0.1	N.D.	N.D.	N.D.
Gadolinium (Gd)	0.05	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	0.01	0.01	N.D.	N.D.	N.D.
Lanthanum (La)	0.05	0.01	N.D.	N.D.	N.D.
Lithium (Li)	0.6	0.1	N.D.	N.D.	N.D.
Manganese (Mn)	0.6	0.1	N.D.	N.D.	N.D.
Nickel (Ni)	0.02	0.01	N.D.	N.D.	N.D.
Lead (Pb)	0.01	0.01	N.D.	N.D.	N.D.
Antimony (Sb)	0.04	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	0.05	0.01	N.D.	N.D.	N.D.
Zinc (Zn)	5	0.1	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P12 Result		
			First	Second	Third
Aluminum (Al)	1	0.1	N.D.	N.D.	N.D.
Arsenic (As)	0.01	0.01	N.D.	N.D.	N.D.
Barium (Ba)	1	0.1	N.D.	N.D.	N.D.
Cadmium (Cd)	0.002	0.002	N.D.	N.D.	N.D.
Cobalt (Co)	0.05	0.01	N.D.	N.D.	N.D.
Chromium (Cr)	0.01	0.01	N.D.	N.D.	N.D.
Copper (Cu)	5	0.1	N.D.	N.D.	N.D.
Europium (Eu)	0.05	0.01	N.D.	N.D.	N.D.
Iron (Fe)	48	0.1	N.D.	N.D.	N.D.
Gadolinium (Gd)	0.05	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	0.01	0.01	N.D.	N.D.	N.D.
Lanthanum (La)	0.05	0.01	N.D.	N.D.	N.D.
Lithium (Li)	0.6	0.1	N.D.	N.D.	N.D.
Manganese (Mn)	0.6	0.1	N.D.	N.D.	N.D.
Nickel (Ni)	0.02	0.01	N.D.	N.D.	N.D.
Lead (Pb)	0.01	0.01	N.D.	N.D.	N.D.
Antimony (Sb)	0.04	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	0.05	0.01	N.D.	N.D.	N.D.
Zinc (Zn)	5	0.1	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P13 Result		
			First	Second	Third
Aluminum (Al)	1	0.1	N.D.	N.D.	N.D.
Arsenic (As)	0.01	0.01	N.D.	N.D.	N.D.
Barium (Ba)	1	0.1	N.D.	N.D.	N.D.
Cadmium (Cd)	0.002	0.002	N.D.	N.D.	N.D.
Cobalt (Co)	0.05	0.01	N.D.	N.D.	N.D.
Chromium (Cr)	0.01	0.01	N.D.	N.D.	N.D.
Copper (Cu)	5	0.1	N.D.	N.D.	N.D.
Europium (Eu)	0.05	0.01	N.D.	N.D.	N.D.
Iron (Fe)	48	0.1	N.D.	N.D.	N.D.
Gadolinium (Gd)	0.05	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	0.01	0.01	N.D.	N.D.	N.D.
Lanthanum (La)	0.05	0.01	N.D.	N.D.	N.D.
Lithium (Li)	0.6	0.1	N.D.	N.D.	N.D.
Manganese (Mn)	0.6	0.1	N.D.	N.D.	N.D.
Nickel (Ni)	0.02	0.01	N.D.	N.D.	N.D.
Lead (Pb)	0.01	0.01	N.D.	N.D.	N.D.
Antimony (Sb)	0.04	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	0.05	0.01	N.D.	N.D.	N.D.
Zinc (Zn)	5	0.1	N.D.	N.D.	N.D.

Remarks:

(1) Unit: mg/kg = ppm = 0.0001%;

(2) MDL = Method Detection Limit;

(3) N.D. = Not Detected (<MDL);

(4) "-" = Not Regulated;

(5) The volume of food simulant used is P2:250 ml, P3:250ml, P4:700ml, P5:60ml, P6:120ml, P8:300, P9:60ml, P11:60ml, P12:60ml, P13:60ml.

8) Primary Aromatic Amines Migration (PAA) listed under REACH Annex XVII Entry 43
Test Method: With reference to EN 13130-1:2004, analyzed by GC-MS.
Test Condition: 3 % acetic acid (w/v); 40°C,0.5hours

Test Items	Limit	MDL	P2 Result		
			First	Second	Third
2,4,5-Trimethylaniline (137-17-7)	-	0.002	N.D.	N.D.	N.D.
2,4-Toluenediamine(2,4-TDA)(95-80-7)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-5-methylaniline(120-71-8)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine(119-93-7)	-	0.002	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylether(101-80-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedianiline(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedi-0-toluidine(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4-Aminobiphenyl(92-67-1)	-	0.002	N.D.	N.D.	N.D.
4-Chloroaniline(106-47-8)	-	0.002	N.D.	N.D.	N.D.
4-Chloro-o-Toluidine(95-69-2)	-	0.002	N.D.	N.D.	N.D.
4-Methoxy-m-phenylenediamine(615-05-4)	-	0.002	N.D.	N.D.	N.D.
Benzidine(92-87-5)	-	0.002	N.D.	N.D.	N.D.
o-Anisidine(90-04-0)	-	0.002	N.D.	N.D.	N.D.
o-Toluidine(95-53-4)	-	0.002	N.D.	N.D.	N.D.
2-Naphthylamine(91-59-8)	-	0.002	N.D.	N.D.	N.D.
0-Aminoazotoluene(97-56-3)	-	0.002	N.D.	N.D.	N.D.
3.3'-Dichlorobenzidine(91-94-1)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine(119-90-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylene-bis-(2-chloro-aniline)(101-14-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Thiodianiline(139-65-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminoazobenzene(60-09-3)	-	0.002	N.D.	N.D.	N.D.
1,3-Phenylenediamine(108-45-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-4-nitrotoluene(99-55-8)	-	0.002	N.D.	N.D.	N.D.
Primary aromatic amine(other)	-	0.002	N.D.	N.D.	N.D.
1.3-Diiminoisoindoline(3468-11-9)	-	0.002	N.D.	N.D.	N.D.
3-Anisidine(536-90-3)	-	0.002	N.D.	N.D.	N.D.
2-Amino-1-naphthalenesulfonic acid(81-16-3)	-	0.002	N.D.	N.D.	N.D.
2-Ethoxyaniline(94-70-2)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methoxylaniline(95-03-4)	-	0.002	N.D.	N.D.	N.D.
2-Chloraniline(95-51-2)	-	0.002	N.D.	N.D.	N.D.
4-Toluidine(106-49-0)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P2 Result		
			First	Second	Third
1.4-Phenylenediamine(106-50-3)	-	0.002	N.D.	N.D.	N.D.
3-Chloroaniline(108-42-9)	-	0.002	N.D.	N.D.	N.D.
3-Toluidine(108-44-1)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methoxybenzanilide(120-35-4)	-	0.002	N.D.	N.D.	N.D.
2-Chloro-4-nitroaniline(121-87-9)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-3-methoxyaniline(13726-14-2)	-	0.002	N.D.	N.D.	N.D.
4-Ethoxyaniline(156-43-4)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methylbenzamide(19406-86-1)	-	0.002	N.D.	N.D.	N.D.
1,5-Diaminonaphthalene(2243-62-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminobenzamide(2835-68-9)	-	0.002	N.D.	N.D.	N.D.
Aniline(62-53-3)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-2,5-dimethoxyaniline(6358-64-1)	-	0.002	N.D.	N.D.	N.D.
2,4,5-Trichloroaniline(636-30-6)	-	0.002	N.D.	N.D.	N.D.
5-Amino-6-methylbenzimidazolone(67014-36-2)	-	0.002	N.D.	N.D.	N.D.
2.6-Diaminotoluene(823-40-5)	-	0.002	N.D.	N.D.	N.D.
2,6-Dimethylaniline(2,6-DMA)(87-62-7)	-	0.002	N.D.	N.D.	N.D.
4-Aminotoluene-3-sulfonic acid(88-44-8)	-	0.002	N.D.	N.D.	N.D.
1,2-Phenylendiamine(95-54-5)	-	0.002	N.D.	N.D.	N.D.
2,4.Dimethylaniline(2,4-DMA)(95-68-1)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methylaniline(95-79-4)	-	0.002	N.D.	N.D.	N.D.
2,5-Dichloroaniline(95-82-9)	-	0.002	N.D.	N.D.	N.D.
2,4-Dinitroaniline(97-02-9)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-4-nitroaniline(97-52-9)	-	0.002	N.D.	N.D.	N.D.
p-Anisidine(104-94-9)	-	0.002	N.D.	N.D.	N.D.
Dimethylaminoterephthalate(5372-81-6)	-	0.002	N.D.	N.D.	N.D.
3,4-Dichloroaniline(95-76-1)	-	0.002	N.D.	N.D.	N.D.
1-Naphthylamine(134-32-7)	-	0.002	N.D.	N.D.	N.D.
2-Aminobiphenyl(90-41-5)	-	0.002	N.D.	N.D.	N.D.
Butyl anthranilate(7756-96-9)	-	0.002	N.D.	N.D.	N.D.
2,4'-Diaminodiphenylmethane(1208-52-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-5-Methylbenzoic acid(2941-78-8)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P3 Result		
			First	Second	Third
2,4,5-Trimethylaniline (137-17-7)	-	0.002	N.D.	N.D.	N.D.
2,4-Toluenediamine(2,4-TDA)(95-80-7)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-5-methylaniline(120-71-8)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine(119-93-7)	-	0.002	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylether(101-80-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedianiline(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedi-0-toluidine(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4-Aminobiphenyl(92-67-1)	-	0.002	N.D.	N.D.	N.D.
4-Chloroaniline(106-47-8)	-	0.002	N.D.	N.D.	N.D.
4-Chloro-o-Toluidine(95-69-2)	-	0.002	N.D.	N.D.	N.D.
4-Methoxy-m-phenylenediamine(615-05-4)	-	0.002	N.D.	N.D.	N.D.
Benzidine(92-87-5)	-	0.002	N.D.	N.D.	N.D.
o-Anisidine(90-04-0)	-	0.002	N.D.	N.D.	N.D.
o-Toluidine(95-53-4)	-	0.002	N.D.	N.D.	N.D.
2-Naphthylamine(91-59-8)	-	0.002	N.D.	N.D.	N.D.
0-Aminoazotoluene(97-56-3)	-	0.002	N.D.	N.D.	N.D.
3.3'-Dichlorobenzidine(91-94-1)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine(119-90-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylene-bis-(2-chloro-aniline)(101-14-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Thiodianiline(139-65-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminoazobenzene(60-09-3)	-	0.002	N.D.	N.D.	N.D.
1,3-Phenylenediamine(108-45-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-4-nitrotoluene(99-55-8)	-	0.002	N.D.	N.D.	N.D.
Primary aromatic amine(other)	-	0.002	N.D.	N.D.	N.D.
1.3-Diiminoisoindoline(3468-11-9)	-	0.002	N.D.	N.D.	N.D.
3-Anisidine(536-90-3)	-	0.002	N.D.	N.D.	N.D.
2-Amino-1-naphthalenesulfonic acid(81-16-3)	-	0.002	N.D.	N.D.	N.D.
2-Ethoxyaniline(94-70-2)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methoxylaniline(95-03-4)	-	0.002	N.D.	N.D.	N.D.
2-Chloraniline(95-51-2)	-	0.002	N.D.	N.D.	N.D.
4-Toluidine(106-49-0)	-	0.002	N.D.	N.D.	N.D.
1.4-Phenylenediamine(106-50-3)	-	0.002	N.D.	N.D.	N.D.
3-Chloroaniline(108-42-9)	-	0.002	N.D.	N.D.	N.D.
3-Toluidine(108-44-1)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methoxybenzanilide(120-35-4)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P3 Result		
			First	Second	Third
2-Chloro-4-nitroaniline(121-87-9)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-3-methoxyaniline(13726-14-2)	-	0.002	N.D.	N.D.	N.D.
4-Ethoxyaniline(156-43-4)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methylbenzamide(19406-86-1)	-	0.002	N.D.	N.D.	N.D.
1,5-Diaminonaphthalene(2243-62-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminobenzamide(2835-68-9)	-	0.002	N.D.	N.D.	N.D.
Aniline(62-53-3)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-2,5-dimethoxyaniline(6358-64-1)	-	0.002	N.D.	N.D.	N.D.
2,4,5-Trichloroaniline(636-30-6)	-	0.002	N.D.	N.D.	N.D.
5-Amino-6-methylbenzimidazolone(67014-36-2)	-	0.002	N.D.	N.D.	N.D.
2.6-Diaminotoluene(823-40-5)	-	0.002	N.D.	N.D.	N.D.
2,6-Dimethylaniline(2,6-DMA)(87-62-7)	-	0.002	N.D.	N.D.	N.D.
4-Aminotoluene-3-sulfonic acid(88-44-8)	-	0.002	N.D.	N.D.	N.D.
1,2-Phenylendiamine(95-54-5)	-	0.002	N.D.	N.D.	N.D.
2,4.Dimethylaniline(2,4-DMA)(95-68-1)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methylaniline(95-79-4)	-	0.002	N.D.	N.D.	N.D.
2,5-Dichloroaniline(95-82-9)	-	0.002	N.D.	N.D.	N.D.
2,4-Dinitroaniline(97-02-9)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-4-nitroaniline(97-52-9)	-	0.002	N.D.	N.D.	N.D.
p-Anisidine(104-94-9)	-	0.002	N.D.	N.D.	N.D.
Dimethylaminoterephthalate(5372-81-6)	-	0.002	N.D.	N.D.	N.D.
3,4-Dichloroaniline(95-76-1)	-	0.002	N.D.	N.D.	N.D.
1-Naphthylamine(134-32-7)	-	0.002	N.D.	N.D.	N.D.
2-Aminobiphenyl(90-41-5)	-	0.002	N.D.	N.D.	N.D.
Butyl anthranilate(7756-96-9)	-	0.002	N.D.	N.D.	N.D.
2,4'-Diaminodiphenylmethane(1208-52-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-5-Methylbenzoic acid(2941-78-8)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P4 Result		
			First	Second	Third
2,4,5-Trimethylaniline (137-17-7)	-	0.002	N.D.	N.D.	N.D.
2,4-Toluenediamine(2,4-TDA)(95-80-7)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-5-methylaniline(120-71-8)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine(119-93-7)	-	0.002	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylether(101-80-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedianiline(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedi-0-toluidine(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4-Aminobiphenyl(92-67-1)	-	0.002	N.D.	N.D.	N.D.
4-Chloroaniline(106-47-8)	-	0.002	N.D.	N.D.	N.D.
4-Chloro-o-Toluidine(95-69-2)	-	0.002	N.D.	N.D.	N.D.
4-Methoxy-m-phenylenediamine(615-05-4)	-	0.002	N.D.	N.D.	N.D.
Benzidine(92-87-5)	-	0.002	N.D.	N.D.	N.D.
o-Anisidine(90-04-0)	-	0.002	N.D.	N.D.	N.D.
o-Toluidine(95-53-4)	-	0.002	N.D.	N.D.	N.D.
2-Naphthylamine(91-59-8)	-	0.002	N.D.	N.D.	N.D.
0-Aminoazotoluene(97-56-3)	-	0.002	N.D.	N.D.	N.D.
3.3'-Dichlorobenzidine(91-94-1)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine(119-90-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylene-bis-(2-chloro-aniline)(101-14-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Thiodianiline(139-65-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminoazobenzene(60-09-3)	-	0.002	N.D.	N.D.	N.D.
1,3-Phenylenediamine(108-45-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-4-nitrotoluene(99-55-8)	-	0.002	N.D.	N.D.	N.D.
Primary aromatic amine(other)	-	0.002	N.D.	N.D.	N.D.
1.3-Diiminoisoindoline(3468-11-9)	-	0.002	N.D.	N.D.	N.D.
3-Anisidine(536-90-3)	-	0.002	N.D.	N.D.	N.D.
2-Amino-1-naphthalenesulfonic acid(81-16-3)	-	0.002	N.D.	N.D.	N.D.
2-Ethoxyaniline(94-70-2)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methoxylaniline(95-03-4)	-	0.002	N.D.	N.D.	N.D.
2-Chloraniline(95-51-2)	-	0.002	N.D.	N.D.	N.D.
4-Toluidine(106-49-0)	-	0.002	N.D.	N.D.	N.D.
1.4-Phenylenediamine(106-50-3)	-	0.002	N.D.	N.D.	N.D.
3-Chloroaniline(108-42-9)	-	0.002	N.D.	N.D.	N.D.
3-Toluidine(108-44-1)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methoxybenzanilide(120-35-4)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P4 Result		
			First	Second	Third
2-Chloro-4-nitroaniline(121-87-9)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-3-methoxyaniline(13726-14-2)	-	0.002	N.D.	N.D.	N.D.
4-Ethoxyaniline(156-43-4)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methylbenzamide(19406-86-1)	-	0.002	N.D.	N.D.	N.D.
1,5-Diaminonaphthalene(2243-62-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminobenzamide(2835-68-9)	-	0.002	N.D.	N.D.	N.D.
Aniline(62-53-3)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-2,5-dimethoxyaniline(6358-64-1)	-	0.002	N.D.	N.D.	N.D.
2,4,5-Trichloroaniline(636-30-6)	-	0.002	N.D.	N.D.	N.D.
5-Amino-6-methylbenzimidazolone(67014-36-2)	-	0.002	N.D.	N.D.	N.D.
2.6-Diaminotoluene(823-40-5)	-	0.002	N.D.	N.D.	N.D.
2,6-Dimethylaniline(2,6-DMA)(87-62-7)	-	0.002	N.D.	N.D.	N.D.
4-Aminotoluene-3-sulfonic acid(88-44-8)	-	0.002	N.D.	N.D.	N.D.
1,2-Phenylendiamine(95-54-5)	-	0.002	N.D.	N.D.	N.D.
2,4.Dimethylaniline(2,4-DMA)(95-68-1)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methylaniline(95-79-4)	-	0.002	N.D.	N.D.	N.D.
2,5-Dichloroaniline(95-82-9)	-	0.002	N.D.	N.D.	N.D.
2,4-Dinitroaniline(97-02-9)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-4-nitroaniline(97-52-9)	-	0.002	N.D.	N.D.	N.D.
p-Anisidine(104-94-9)	-	0.002	N.D.	N.D.	N.D.
Dimethylaminoterephthalate(5372-81-6)	-	0.002	N.D.	N.D.	N.D.
3,4-Dichloroaniline(95-76-1)	-	0.002	N.D.	N.D.	N.D.
1-Naphthylamine(134-32-7)	-	0.002	N.D.	N.D.	N.D.
2-Aminobiphenyl(90-41-5)	-	0.002	N.D.	N.D.	N.D.
Butyl anthranilate(7756-96-9)	-	0.002	N.D.	N.D.	N.D.
2,4'-Diaminodiphenylmethane(1208-52-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-5-Methylbenzoic acid(2941-78-8)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P5 Result		
			First	Second	Third
2,4,5-Trimethylaniline (137-17-7)	-	0.002	N.D.	N.D.	N.D.
2,4-Toluenediamine(2,4-TDA)(95-80-7)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-5-methylaniline(120-71-8)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine(119-93-7)	-	0.002	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylether(101-80-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedianiline(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedi-0-toluidine(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4-Aminobiphenyl(92-67-1)	-	0.002	N.D.	N.D.	N.D.
4-Chloroaniline(106-47-8)	-	0.002	N.D.	N.D.	N.D.
4-Chloro-o-Toluidine(95-69-2)	-	0.002	N.D.	N.D.	N.D.
4-Methoxy-m-phenylenediamine(615-05-4)	-	0.002	N.D.	N.D.	N.D.
Benzidine(92-87-5)	-	0.002	N.D.	N.D.	N.D.
o-Anisidine(90-04-0)	-	0.002	N.D.	N.D.	N.D.
o-Toluidine(95-53-4)	-	0.002	N.D.	N.D.	N.D.
2-Naphthylamine(91-59-8)	-	0.002	N.D.	N.D.	N.D.
0-Aminoazotoluene(97-56-3)	-	0.002	N.D.	N.D.	N.D.
3.3'-Dichlorobenzidine(91-94-1)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine(119-90-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylene-bis-(2-chloro-aniline)(101-14-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Thiodianiline(139-65-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminoazobenzene(60-09-3)	-	0.002	N.D.	N.D.	N.D.
1,3-Phenylenediamine(108-45-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-4-nitrotoluene(99-55-8)	-	0.002	N.D.	N.D.	N.D.
Primary aromatic amine(other)	-	0.002	N.D.	N.D.	N.D.
1.3-Diiminoisoindoline(3468-11-9)	-	0.002	N.D.	N.D.	N.D.
3-Anisidine(536-90-3)	-	0.002	N.D.	N.D.	N.D.
2-Amino-1-naphthalenesulfonic acid(81-16-3)	-	0.002	N.D.	N.D.	N.D.
2-Ethoxyaniline(94-70-2)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methoxylaniline(95-03-4)	-	0.002	N.D.	N.D.	N.D.
2-Chloraniline(95-51-2)	-	0.002	N.D.	N.D.	N.D.
4-Toluidine(106-49-0)	-	0.002	N.D.	N.D.	N.D.
1.4-Phenylenediamine(106-50-3)	-	0.002	N.D.	N.D.	N.D.
3-Chloroaniline(108-42-9)	-	0.002	N.D.	N.D.	N.D.
3-Toluidine(108-44-1)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methoxybenzanilide(120-35-4)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P5 Result		
			First	Second	Third
2-Chloro-4-nitroaniline(121-87-9)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-3-methoxyaniline(13726-14-2)	-	0.002	N.D.	N.D.	N.D.
4-Ethoxyaniline(156-43-4)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methylbenzamide(19406-86-1)	-	0.002	N.D.	N.D.	N.D.
1,5-Diaminonaphthalene(2243-62-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminobenzamide(2835-68-9)	-	0.002	N.D.	N.D.	N.D.
Aniline(62-53-3)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-2,5-dimethoxyaniline(6358-64-1)	-	0.002	N.D.	N.D.	N.D.
2,4,5-Trichloroaniline(636-30-6)	-	0.002	N.D.	N.D.	N.D.
5-Amino-6-methylbenzimidazolone(67014-36-2)	-	0.002	N.D.	N.D.	N.D.
2.6-Diaminotoluene(823-40-5)	-	0.002	N.D.	N.D.	N.D.
2,6-Dimethylaniline(2,6-DMA)(87-62-7)	-	0.002	N.D.	N.D.	N.D.
4-Aminotoluene-3-sulfonic acid(88-44-8)	-	0.002	N.D.	N.D.	N.D.
1,2-Phenylendiamine(95-54-5)	-	0.002	N.D.	N.D.	N.D.
2,4.Dimethylaniline(2,4-DMA)(95-68-1)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methylaniline(95-79-4)	-	0.002	N.D.	N.D.	N.D.
2,5-Dichloroaniline(95-82-9)	-	0.002	N.D.	N.D.	N.D.
2,4-Dinitroaniline(97-02-9)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-4-nitroaniline(97-52-9)	-	0.002	N.D.	N.D.	N.D.
p-Anisidine(104-94-9)	-	0.002	N.D.	N.D.	N.D.
Dimethylaminoterephthalate(5372-81-6)	-	0.002	N.D.	N.D.	N.D.
3,4-Dichloroaniline(95-76-1)	-	0.002	N.D.	N.D.	N.D.
1-Naphthylamine(134-32-7)	-	0.002	N.D.	N.D.	N.D.
2-Aminobiphenyl(90-41-5)	-	0.002	N.D.	N.D.	N.D.
Butyl anthranilate(7756-96-9)	-	0.002	N.D.	N.D.	N.D.
2,4'-Diaminodiphenylmethane(1208-52-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-5-Methylbenzoic acid(2941-78-8)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P8 Result		
			First	Second	Third
2,4,5-Trimethylaniline (137-17-7)	-	0.002	N.D.	N.D.	N.D.
2,4-Toluenediamine(2,4-TDA)(95-80-7)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-5-methylaniline(120-71-8)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine(119-93-7)	-	0.002	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylether(101-80-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedianiline(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedi-0-toluidine(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4-Aminobiphenyl(92-67-1)	-	0.002	N.D.	N.D.	N.D.
4-Chloroaniline(106-47-8)	-	0.002	N.D.	N.D.	N.D.
4-Chloro-o-Toluidine(95-69-2)	-	0.002	N.D.	N.D.	N.D.
4-Methoxy-m-phenylenediamine(615-05-4)	-	0.002	N.D.	N.D.	N.D.
Benzidine(92-87-5)	-	0.002	N.D.	N.D.	N.D.
o-Anisidine(90-04-0)	-	0.002	N.D.	N.D.	N.D.
o-Toluidine(95-53-4)	-	0.002	N.D.	N.D.	N.D.
2-Naphthylamine(91-59-8)	-	0.002	N.D.	N.D.	N.D.
0-Aminoazotoluene(97-56-3)	-	0.002	N.D.	N.D.	N.D.
3.3'-Dichlorobenzidine(91-94-1)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine(119-90-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylene-bis-(2-chloro-aniline)(101-14-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Thiodianiline(139-65-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminoazobenzene(60-09-3)	-	0.002	N.D.	N.D.	N.D.
1,3-Phenylenediamine(108-45-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-4-nitrotoluene(99-55-8)	-	0.002	N.D.	N.D.	N.D.
Primary aromatic amine(other)	-	0.002	N.D.	N.D.	N.D.
1.3-Diiminoisoindoline(3468-11-9)	-	0.002	N.D.	N.D.	N.D.
3-Anisidine(536-90-3)	-	0.002	N.D.	N.D.	N.D.
2-Amino-1-naphthalenesulfonic acid(81-16-3)	-	0.002	N.D.	N.D.	N.D.
2-Ethoxyaniline(94-70-2)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methoxylaniline(95-03-4)	-	0.002	N.D.	N.D.	N.D.
2-Chloraniline(95-51-2)	-	0.002	N.D.	N.D.	N.D.
4-Toluidine(106-49-0)	-	0.002	N.D.	N.D.	N.D.
1.4-Phenylenediamine(106-50-3)	-	0.002	N.D.	N.D.	N.D.
3-Chloroaniline(108-42-9)	-	0.002	N.D.	N.D.	N.D.
3-Toluidine(108-44-1)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methoxybenzanilide(120-35-4)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P8 Result		
			First	Second	Third
2-Chloro-4-nitroaniline(121-87-9)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-3-methoxyaniline(13726-14-2)	-	0.002	N.D.	N.D.	N.D.
4-Ethoxyaniline(156-43-4)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methylbenzamide(19406-86-1)	-	0.002	N.D.	N.D.	N.D.
1,5-Diaminonaphthalene(2243-62-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminobenzamide(2835-68-9)	-	0.002	N.D.	N.D.	N.D.
Aniline(62-53-3)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-2,5-dimethoxyaniline(6358-64-1)	-	0.002	N.D.	N.D.	N.D.
2,4,5-Trichloroaniline(636-30-6)	-	0.002	N.D.	N.D.	N.D.
5-Amino-6-methylbenzimidazolone(67014-36-2)	-	0.002	N.D.	N.D.	N.D.
2.6-Diaminotoluene(823-40-5)	-	0.002	N.D.	N.D.	N.D.
2,6-Dimethylaniline(2,6-DMA)(87-62-7)	-	0.002	N.D.	N.D.	N.D.
4-Aminotoluene-3-sulfonic acid(88-44-8)	-	0.002	N.D.	N.D.	N.D.
1,2-Phenylendiamine(95-54-5)	-	0.002	N.D.	N.D.	N.D.
2,4.Dimethylaniline(2,4-DMA)(95-68-1)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methylaniline(95-79-4)	-	0.002	N.D.	N.D.	N.D.
2,5-Dichloroaniline(95-82-9)	-	0.002	N.D.	N.D.	N.D.
2,4-Dinitroaniline(97-02-9)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-4-nitroaniline(97-52-9)	-	0.002	N.D.	N.D.	N.D.
p-Anisidine(104-94-9)	-	0.002	N.D.	N.D.	N.D.
Dimethylaminoterephthalate(5372-81-6)	-	0.002	N.D.	N.D.	N.D.
3,4-Dichloroaniline(95-76-1)	-	0.002	N.D.	N.D.	N.D.
1-Naphthylamine(134-32-7)	-	0.002	N.D.	N.D.	N.D.
2-Aminobiphenyl(90-41-5)	-	0.002	N.D.	N.D.	N.D.
Butyl anthranilate(7756-96-9)	-	0.002	N.D.	N.D.	N.D.
2,4'-Diaminodiphenylmethane(1208-52-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-5-Methylbenzoic acid(2941-78-8)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P9 Result		
			First	Second	Third
2,4,5-Trimethylaniline (137-17-7)	-	0.002	N.D.	N.D.	N.D.
2,4-Toluenediamine(2,4-TDA)(95-80-7)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-5-methylaniline(120-71-8)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine(119-93-7)	-	0.002	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylether(101-80-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedianiline(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedi-0-toluidine(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4-Aminobiphenyl(92-67-1)	-	0.002	N.D.	N.D.	N.D.
4-Chloroaniline(106-47-8)	-	0.002	N.D.	N.D.	N.D.
4-Chloro-o-Toluidine(95-69-2)	-	0.002	N.D.	N.D.	N.D.
4-Methoxy-m-phenylenediamine(615-05-4)	-	0.002	N.D.	N.D.	N.D.
Benzidine(92-87-5)	-	0.002	N.D.	N.D.	N.D.
o-Anisidine(90-04-0)	-	0.002	N.D.	N.D.	N.D.
o-Toluidine(95-53-4)	-	0.002	N.D.	N.D.	N.D.
2-Naphthylamine(91-59-8)	-	0.002	N.D.	N.D.	N.D.
0-Aminoazotoluene(97-56-3)	-	0.002	N.D.	N.D.	N.D.
3.3'-Dichlorobenzidine(91-94-1)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine(119-90-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylene-bis-(2-chloro-aniline)(101-14-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Thiodianiline(139-65-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminoazobenzene(60-09-3)	-	0.002	N.D.	N.D.	N.D.
1,3-Phenylenediamine(108-45-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-4-nitrotoluene(99-55-8)	-	0.002	N.D.	N.D.	N.D.
Primary aromatic amine(other)	-	0.002	N.D.	N.D.	N.D.
1.3-Diiminoisoindoline(3468-11-9)	-	0.002	N.D.	N.D.	N.D.
3-Anisidine(536-90-3)	-	0.002	N.D.	N.D.	N.D.
2-Amino-1-naphthalenesulfonic acid(81-16-3)	-	0.002	N.D.	N.D.	N.D.
2-Ethoxyaniline(94-70-2)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methoxylaniline(95-03-4)	-	0.002	N.D.	N.D.	N.D.
2-Chloraniline(95-51-2)	-	0.002	N.D.	N.D.	N.D.
4-Toluidine(106-49-0)	-	0.002	N.D.	N.D.	N.D.
1.4-Phenylenediamine(106-50-3)	-	0.002	N.D.	N.D.	N.D.
3-Chloroaniline(108-42-9)	-	0.002	N.D.	N.D.	N.D.
3-Toluidine(108-44-1)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methoxybenzanilide(120-35-4)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P9 Result		
			First	Second	Third
2-Chloro-4-nitroaniline(121-87-9)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-3-methoxyaniline(13726-14-2)	-	0.002	N.D.	N.D.	N.D.
4-Ethoxyaniline(156-43-4)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methylbenzamide(19406-86-1)	-	0.002	N.D.	N.D.	N.D.
1,5-Diaminonaphthalene(2243-62-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminobenzamide(2835-68-9)	-	0.002	N.D.	N.D.	N.D.
Aniline(62-53-3)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-2,5-dimethoxyaniline(6358-64-1)	-	0.002	N.D.	N.D.	N.D.
2,4,5-Trichloroaniline(636-30-6)	-	0.002	N.D.	N.D.	N.D.
5-Amino-6-methylbenzimidazolone(67014-36-2)	-	0.002	N.D.	N.D.	N.D.
2.6-Diaminotoluene(823-40-5)	-	0.002	N.D.	N.D.	N.D.
2,6-Dimethylaniline(2,6-DMA)(87-62-7)	-	0.002	N.D.	N.D.	N.D.
4-Aminotoluene-3-sulfonic acid(88-44-8)	-	0.002	N.D.	N.D.	N.D.
1,2-Phenylendiamine(95-54-5)	-	0.002	N.D.	N.D.	N.D.
2,4.Dimethylaniline(2,4-DMA)(95-68-1)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methylaniline(95-79-4)	-	0.002	N.D.	N.D.	N.D.
2,5-Dichloroaniline(95-82-9)	-	0.002	N.D.	N.D.	N.D.
2,4-Dinitroaniline(97-02-9)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-4-nitroaniline(97-52-9)	-	0.002	N.D.	N.D.	N.D.
p-Anisidine(104-94-9)	-	0.002	N.D.	N.D.	N.D.
Dimethylaminoterephthalate(5372-81-6)	-	0.002	N.D.	N.D.	N.D.
3,4-Dichloroaniline(95-76-1)	-	0.002	N.D.	N.D.	N.D.
1-Naphthylamine(134-32-7)	-	0.002	N.D.	N.D.	N.D.
2-Aminobiphenyl(90-41-5)	-	0.002	N.D.	N.D.	N.D.
Butyl anthranilate(7756-96-9)	-	0.002	N.D.	N.D.	N.D.
2,4'-Diaminodiphenylmethane(1208-52-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-5-Methylbenzoic acid(2941-78-8)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P11 Result		
			First	Second	Third
2,4,5-Trimethylaniline (137-17-7)	-	0.002	N.D.	N.D.	N.D.
2,4-Toluenediamine(2,4-TDA)(95-80-7)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-5-methylaniline(120-71-8)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine(119-93-7)	-	0.002	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylether(101-80-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedianiline(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedi-0-toluidine(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4-Aminobiphenyl(92-67-1)	-	0.002	N.D.	N.D.	N.D.
4-Chloroaniline(106-47-8)	-	0.002	N.D.	N.D.	N.D.
4-Chloro-o-Toluidine(95-69-2)	-	0.002	N.D.	N.D.	N.D.
4-Methoxy-m-phenylenediamine(615-05-4)	-	0.002	N.D.	N.D.	N.D.
Benzidine(92-87-5)	-	0.002	N.D.	N.D.	N.D.
o-Anisidine(90-04-0)	-	0.002	N.D.	N.D.	N.D.
o-Toluidine(95-53-4)	-	0.002	N.D.	N.D.	N.D.
2-Naphthylamine(91-59-8)	-	0.002	N.D.	N.D.	N.D.
0-Aminoazotoluene(97-56-3)	-	0.002	N.D.	N.D.	N.D.
3.3'-Dichlorobenzidine(91-94-1)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine(119-90-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylene-bis-(2-chloro-aniline)(101-14-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Thiodianiline(139-65-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminoazobenzene(60-09-3)	-	0.002	N.D.	N.D.	N.D.
1,3-Phenylenediamine(108-45-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-4-nitrotoluene(99-55-8)	-	0.002	N.D.	N.D.	N.D.
Primary aromatic amine(other)	-	0.002	N.D.	N.D.	N.D.
1.3-Diiminoisoindoline(3468-11-9)	-	0.002	N.D.	N.D.	N.D.
3-Anisidine(536-90-3)	-	0.002	N.D.	N.D.	N.D.
2-Amino-1-naphthalenesulfonic acid(81-16-3)	-	0.002	N.D.	N.D.	N.D.
2-Ethoxyaniline(94-70-2)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methoxylaniline(95-03-4)	-	0.002	N.D.	N.D.	N.D.
2-Chloraniline(95-51-2)	-	0.002	N.D.	N.D.	N.D.
4-Toluidine(106-49-0)	-	0.002	N.D.	N.D.	N.D.
1.4-Phenylenediamine(106-50-3)	-	0.002	N.D.	N.D.	N.D.
3-Chloroaniline(108-42-9)	-	0.002	N.D.	N.D.	N.D.
3-Toluidine(108-44-1)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methoxybenzanilide(120-35-4)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P11 Result		
			First	Second	Third
2-Chloro-4-nitroaniline(121-87-9)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-3-methoxyaniline(13726-14-2)	-	0.002	N.D.	N.D.	N.D.
4-Ethoxyaniline(156-43-4)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methylbenzamide(19406-86-1)	-	0.002	N.D.	N.D.	N.D.
1,5-Diaminonaphthalene(2243-62-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminobenzamide(2835-68-9)	-	0.002	N.D.	N.D.	N.D.
Aniline(62-53-3)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-2,5-dimethoxyaniline(6358-64-1)	-	0.002	N.D.	N.D.	N.D.
2,4,5-Trichloroaniline(636-30-6)	-	0.002	N.D.	N.D.	N.D.
5-Amino-6-methylbenzimidazolone(67014-36-2)	-	0.002	N.D.	N.D.	N.D.
2.6-Diaminotoluene(823-40-5)	-	0.002	N.D.	N.D.	N.D.
2,6-Dimethylaniline(2,6-DMA)(87-62-7)	-	0.002	N.D.	N.D.	N.D.
4-Aminotoluene-3-sulfonic acid(88-44-8)	-	0.002	N.D.	N.D.	N.D.
1,2-Phenylendiamine(95-54-5)	-	0.002	N.D.	N.D.	N.D.
2,4.Dimethylaniline(2,4-DMA)(95-68-1)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methylaniline(95-79-4)	-	0.002	N.D.	N.D.	N.D.
2,5-Dichloroaniline(95-82-9)	-	0.002	N.D.	N.D.	N.D.
2,4-Dinitroaniline(97-02-9)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-4-nitroaniline(97-52-9)	-	0.002	N.D.	N.D.	N.D.
p-Anisidine(104-94-9)	-	0.002	N.D.	N.D.	N.D.
Dimethylaminoterephthalate(5372-81-6)	-	0.002	N.D.	N.D.	N.D.
3,4-Dichloroaniline(95-76-1)	-	0.002	N.D.	N.D.	N.D.
1-Naphthylamine(134-32-7)	-	0.002	N.D.	N.D.	N.D.
2-Aminobiphenyl(90-41-5)	-	0.002	N.D.	N.D.	N.D.
Butyl anthranilate(7756-96-9)	-	0.002	N.D.	N.D.	N.D.
2,4'-Diaminodiphenylmethane(1208-52-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-5-Methylbenzoic acid(2941-78-8)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P12 Result		
			First	Second	Third
2,4,5-Trimethylaniline (137-17-7)	-	0.002	N.D.	N.D.	N.D.
2,4-Toluenediamine(2,4-TDA)(95-80-7)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-5-methylaniline(120-71-8)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine(119-93-7)	-	0.002	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylether(101-80-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedianiline(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedi-0-toluidine(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4-Aminobiphenyl(92-67-1)	-	0.002	N.D.	N.D.	N.D.
4-Chloroaniline(106-47-8)	-	0.002	N.D.	N.D.	N.D.
4-Chloro-o-Toluidine(95-69-2)	-	0.002	N.D.	N.D.	N.D.
4-Methoxy-m-phenylenediamine(615-05-4)	-	0.002	N.D.	N.D.	N.D.
Benzidine(92-87-5)	-	0.002	N.D.	N.D.	N.D.
o-Anisidine(90-04-0)	-	0.002	N.D.	N.D.	N.D.
o-Toluidine(95-53-4)	-	0.002	N.D.	N.D.	N.D.
2-Naphthylamine(91-59-8)	-	0.002	N.D.	N.D.	N.D.
0-Aminoazotoluene(97-56-3)	-	0.002	N.D.	N.D.	N.D.
3.3'-Dichlorobenzidine(91-94-1)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine(119-90-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylene-bis-(2-chloro-aniline)(101-14-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Thiodianiline(139-65-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminoazobenzene(60-09-3)	-	0.002	N.D.	N.D.	N.D.
1,3-Phenylenediamine(108-45-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-4-nitrotoluene(99-55-8)	-	0.002	N.D.	N.D.	N.D.
Primary aromatic amine(other)	-	0.002	N.D.	N.D.	N.D.
1.3-Diiminoisoindoline(3468-11-9)	-	0.002	N.D.	N.D.	N.D.
3-Anisidine(536-90-3)	-	0.002	N.D.	N.D.	N.D.
2-Amino-1-naphthalenesulfonic acid(81-16-3)	-	0.002	N.D.	N.D.	N.D.
2-Ethoxyaniline(94-70-2)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methoxylaniline(95-03-4)	-	0.002	N.D.	N.D.	N.D.
2-Chloraniline(95-51-2)	-	0.002	N.D.	N.D.	N.D.
4-Toluidine(106-49-0)	-	0.002	N.D.	N.D.	N.D.
1.4-Phenylenediamine(106-50-3)	-	0.002	N.D.	N.D.	N.D.
3-Chloroaniline(108-42-9)	-	0.002	N.D.	N.D.	N.D.
3-Toluidine(108-44-1)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methoxybenzanilide(120-35-4)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P12 Result		
			First	Second	Third
2-Chloro-4-nitroaniline(121-87-9)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-3-methoxyaniline(13726-14-2)	-	0.002	N.D.	N.D.	N.D.
4-Ethoxyaniline(156-43-4)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methylbenzamide(19406-86-1)	-	0.002	N.D.	N.D.	N.D.
1,5-Diaminonaphthalene(2243-62-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminobenzamide(2835-68-9)	-	0.002	N.D.	N.D.	N.D.
Aniline(62-53-3)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-2,5-dimethoxyaniline(6358-64-1)	-	0.002	N.D.	N.D.	N.D.
2,4,5-Trichloroaniline(636-30-6)	-	0.002	N.D.	N.D.	N.D.
5-Amino-6-methylbenzimidazolone(67014-36-2)	-	0.002	N.D.	N.D.	N.D.
2.6-Diaminotoluene(823-40-5)	-	0.002	N.D.	N.D.	N.D.
2,6-Dimethylaniline(2,6-DMA)(87-62-7)	-	0.002	N.D.	N.D.	N.D.
4-Aminotoluene-3-sulfonic acid(88-44-8)	-	0.002	N.D.	N.D.	N.D.
1,2-Phenylendiamine(95-54-5)	-	0.002	N.D.	N.D.	N.D.
2,4.Dimethylaniline(2,4-DMA)(95-68-1)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methylaniline(95-79-4)	-	0.002	N.D.	N.D.	N.D.
2,5-Dichloroaniline(95-82-9)	-	0.002	N.D.	N.D.	N.D.
2,4-Dinitroaniline(97-02-9)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-4-nitroaniline(97-52-9)	-	0.002	N.D.	N.D.	N.D.
p-Anisidine(104-94-9)	-	0.002	N.D.	N.D.	N.D.
Dimethylaminoterephthalate(5372-81-6)	-	0.002	N.D.	N.D.	N.D.
3,4-Dichloroaniline(95-76-1)	-	0.002	N.D.	N.D.	N.D.
1-Naphthylamine(134-32-7)	-	0.002	N.D.	N.D.	N.D.
2-Aminobiphenyl(90-41-5)	-	0.002	N.D.	N.D.	N.D.
Butyl anthranilate(7756-96-9)	-	0.002	N.D.	N.D.	N.D.
2,4'-Diaminodiphenylmethane(1208-52-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-5-Methylbenzoic acid(2941-78-8)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P13 Result		
			First	Second	Third
2,4,5-Trimethylaniline (137-17-7)	-	0.002	N.D.	N.D.	N.D.
2,4-Toluenediamine(2,4-TDA)(95-80-7)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-5-methylaniline(120-71-8)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine(119-93-7)	-	0.002	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylether(101-80-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedianiline(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylenedi-0-toluidine(838-88-0)	-	0.002	N.D.	N.D.	N.D.
4-Aminobiphenyl(92-67-1)	-	0.002	N.D.	N.D.	N.D.
4-Chloroaniline(106-47-8)	-	0.002	N.D.	N.D.	N.D.
4-Chloro-o-Toluidine(95-69-2)	-	0.002	N.D.	N.D.	N.D.
4-Methoxy-m-phenylenediamine(615-05-4)	-	0.002	N.D.	N.D.	N.D.
Benzidine(92-87-5)	-	0.002	N.D.	N.D.	N.D.
o-Anisidine(90-04-0)	-	0.002	N.D.	N.D.	N.D.
o-Toluidine(95-53-4)	-	0.002	N.D.	N.D.	N.D.
2-Naphthylamine(91-59-8)	-	0.002	N.D.	N.D.	N.D.
0-Aminoazotoluene(97-56-3)	-	0.002	N.D.	N.D.	N.D.
3.3'-Dichlorobenzidine(91-94-1)	-	0.002	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine(119-90-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Methylene-bis-(2-chloro-aniline)(101-14-4)	-	0.002	N.D.	N.D.	N.D.
4,4'-Thiodianiline(139-65-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminoazobenzene(60-09-3)	-	0.002	N.D.	N.D.	N.D.
1,3-Phenylenediamine(108-45-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-4-nitrotoluene(99-55-8)	-	0.002	N.D.	N.D.	N.D.
Primary aromatic amine(other)	-	0.002	N.D.	N.D.	N.D.
1.3-Diiminoisoindoline(3468-11-9)	-	0.002	N.D.	N.D.	N.D.
3-Anisidine(536-90-3)	-	0.002	N.D.	N.D.	N.D.
2-Amino-1-naphthalenesulfonic acid(81-16-3)	-	0.002	N.D.	N.D.	N.D.
2-Ethoxyaniline(94-70-2)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methoxylaniline(95-03-4)	-	0.002	N.D.	N.D.	N.D.
2-Chloraniline(95-51-2)	-	0.002	N.D.	N.D.	N.D.
4-Toluidine(106-49-0)	-	0.002	N.D.	N.D.	N.D.
1.4-Phenylenediamine(106-50-3)	-	0.002	N.D.	N.D.	N.D.
3-Chloroaniline(108-42-9)	-	0.002	N.D.	N.D.	N.D.
3-Toluidine(108-44-1)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methoxybenzanilide(120-35-4)	-	0.002	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P13 Result		
			First	Second	Third
2-Chloro-4-nitroaniline(121-87-9)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-3-methoxyaniline(13726-14-2)	-	0.002	N.D.	N.D.	N.D.
4-Ethoxyaniline(156-43-4)	-	0.002	N.D.	N.D.	N.D.
3-Amino-4-methylbenzamide(19406-86-1)	-	0.002	N.D.	N.D.	N.D.
1,5-Diaminonaphthalene(2243-62-1)	-	0.002	N.D.	N.D.	N.D.
4-Aminobenzamide(2835-68-9)	-	0.002	N.D.	N.D.	N.D.
Aniline(62-53-3)	-	0.002	N.D.	N.D.	N.D.
4-Chlor-2,5-dimethoxyaniline(6358-64-1)	-	0.002	N.D.	N.D.	N.D.
2,4,5-Trichloroaniline(636-30-6)	-	0.002	N.D.	N.D.	N.D.
5-Amino-6-methylbenzimidazolone(67014-36-2)	-	0.002	N.D.	N.D.	N.D.
2.6-Diaminotoluene(823-40-5)	-	0.002	N.D.	N.D.	N.D.
2,6-Dimethylaniline(2,6-DMA)(87-62-7)	-	0.002	N.D.	N.D.	N.D.
4-Aminotoluene-3-sulfonic acid(88-44-8)	-	0.002	N.D.	N.D.	N.D.
1,2-Phenylendiamine(95-54-5)	-	0.002	N.D.	N.D.	N.D.
2,4.Dimethylaniline(2,4-DMA)(95-68-1)	-	0.002	N.D.	N.D.	N.D.
5-Chloro-2-methylaniline(95-79-4)	-	0.002	N.D.	N.D.	N.D.
2,5-Dichloroaniline(95-82-9)	-	0.002	N.D.	N.D.	N.D.
2,4-Dinitroaniline(97-02-9)	-	0.002	N.D.	N.D.	N.D.
2-Methoxy-4-nitroaniline(97-52-9)	-	0.002	N.D.	N.D.	N.D.
p-Anisidine(104-94-9)	-	0.002	N.D.	N.D.	N.D.
Dimethylaminoterephthalate(5372-81-6)	-	0.002	N.D.	N.D.	N.D.
3,4-Dichloroaniline(95-76-1)	-	0.002	N.D.	N.D.	N.D.
1-Naphthylamine(134-32-7)	-	0.002	N.D.	N.D.	N.D.
2-Aminobiphenyl(90-41-5)	-	0.002	N.D.	N.D.	N.D.
Butyl anthranilate(7756-96-9)	-	0.002	N.D.	N.D.	N.D.
2,4'-Diaminodiphenylmethane(1208-52-2)	-	0.002	N.D.	N.D.	N.D.
2-Amino-5-Methylbenzoic acid(2941-78-8)	-	0.002	N.D.	N.D.	N.D.

Remarks:
(1) Unit: mg/kg = ppm = 0.0001%;
(2) MDL= Method Detection Limit;
(3) N.D. = Not Detected (<MDL);
(4) "-" = Not Regulated.

9) Bisphenol A (BPA) Specific Migration

Test Method: With reference to EN 13130-1:2004, analyzed by analyzed by HPLC.

Test Condition: 3 % acetic acid (w/v); 40°C, 0.5 hour

Test Items	Limit	Unit	MDL	P2 Result		
				First	Second	Third
Bisphenol A (BPA) Specific Migration	N.D.	ug/kg	1	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P3 Result		
				First	Second	Third
Bisphenol A (BPA) Specific Migration	N.D.	ug/kg	1	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P4 Result		
				First	Second	Third
Bisphenol A (BPA) Specific Migration	N.D.	ug/kg	1	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P5 Result		
				First	Second	Third
Bisphenol A (BPA) Specific Migration	N.D.	ug/kg	1	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P8 Result		
				First	Second	Third
Bisphenol A (BPA) Specific Migration	N.D.	ug/kg	1	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P11 Result		
				First	Second	Third
Bisphenol A (BPA) Specific Migration	N.D.	ug/kg	1	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P12 Result		
				First	Second	Third
Bisphenol A (BPA) Specific Migration	N.D.	ug/kg	1	N.D.	N.D.	N.D.

Test Items	Limit	Unit	MDL	P13 Result		
				First	Second	Third
Bisphenol A (BPA) Specific Migration	N.D.	ug/kg	1	N.D.	N.D.	N.D.

Remark:

(1) MDL = Method Detection Limit;

(2) N.D. = Not Detected (<MDL);

(3) "-" = Not Regulated.

10) Phthalates specific migration

Test Method: With reference to EN 13130-1:2004, analyzed by GC-MS.

Test Condition: 3 % acetic acid (w/v); 40°C, 24 hours

Test Items	Limit	MDL	P2 Result		
			First	Second	Third
Specific migration of DEHP	1.5	0.05	N.D.	N.D.	N.D.
Specific migration of DBP	0.3	0.05	N.D.	N.D.	N.D.
Specific migration of BBP	30	0.05	N.D.	N.D.	N.D.
Specific migration of DINP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DIDP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DEHT	60	0.05	N.D.	N.D.	N.D.
Specific migration of DEHA	18	0.05	N.D.	N.D.	N.D.
Specific migration of other phthalates and softeners	0.05	0.05	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P3 Result		
			First	Second	Third
Specific migration of DEHP	1.5	0.05	N.D.	N.D.	N.D.
Specific migration of DBP	0.3	0.05	N.D.	N.D.	N.D.
Specific migration of BBP	30	0.05	N.D.	N.D.	N.D.
Specific migration of DINP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DIDP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DEHT	60	0.05	N.D.	N.D.	N.D.
Specific migration of DEHA	18	0.05	N.D.	N.D.	N.D.
Specific migration of other phthalates and softeners	0.05	0.05	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P4 Result		
			First	Second	Third
Specific migration of DEHP	1.5	0.05	N.D.	N.D.	N.D.
Specific migration of DBP	0.3	0.05	N.D.	N.D.	N.D.
Specific migration of BBP	30	0.05	N.D.	N.D.	N.D.
Specific migration of DINP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DIDP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DEHT	60	0.05	N.D.	N.D.	N.D.
Specific migration of DEHA	18	0.05	N.D.	N.D.	N.D.
Specific migration of other phthalates and softeners	0.05	0.05	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P5 Result		
			First	Second	Third
Specific migration of DEHP	1.5	0.05	N.D.	N.D.	N.D.
Specific migration of DBP	0.3	0.05	N.D.	N.D.	N.D.
Specific migration of BBP	30	0.05	N.D.	N.D.	N.D.
Specific migration of DINP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DIDP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DEHT	60	0.05	N.D.	N.D.	N.D.
Specific migration of DEHA	18	0.05	N.D.	N.D.	N.D.
Specific migration of other phthalates and softeners	0.05	0.05	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P8 Result		
			First	Second	Third
Specific migration of DEHP	1.5	0.05	N.D.	N.D.	N.D.
Specific migration of DBP	0.3	0.05	N.D.	N.D.	N.D.
Specific migration of BBP	30	0.05	N.D.	N.D.	N.D.
Specific migration of DINP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DIDP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DEHT	60	0.05	N.D.	N.D.	N.D.
Specific migration of DEHA	18	0.05	N.D.	N.D.	N.D.
Specific migration of other phthalates and softeners	0.05	0.05	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P11 Result		
			First	Second	Third
Specific migration of DEHP	1.5	0.05	N.D.	N.D.	N.D.
Specific migration of DBP	0.3	0.05	N.D.	N.D.	N.D.
Specific migration of BBP	30	0.05	N.D.	N.D.	N.D.
Specific migration of DINP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DIDP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DEHT	60	0.05	N.D.	N.D.	N.D.
Specific migration of DEHA	18	0.05	N.D.	N.D.	N.D.
Specific migration of other phthalates and softeners	0.05	0.05	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P12 Result		
			First	Second	Third
Specific migration of DEHP	1.5	0.05	N.D.	N.D.	N.D.
Specific migration of DBP	0.3	0.05	N.D.	N.D.	N.D.
Specific migration of BBP	30	0.05	N.D.	N.D.	N.D.
Specific migration of DINP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DIDP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DEHT	60	0.05	N.D.	N.D.	N.D.
Specific migration of DEHA	18	0.05	N.D.	N.D.	N.D.
Specific migration of other phthalates and softeners	0.05	0.05	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P13 Result		
			First	Second	Third
Specific migration of DEHP	1.5	0.05	N.D.	N.D.	N.D.
Specific migration of DBP	0.3	0.05	N.D.	N.D.	N.D.
Specific migration of BBP	30	0.05	N.D.	N.D.	N.D.
Specific migration of DINP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DIDP	9	0.05	N.D.	N.D.	N.D.
Specific migration of DEHT	60	0.05	N.D.	N.D.	N.D.
Specific migration of DEHA	18	0.05	N.D.	N.D.	N.D.
Specific migration of other phthalates and softeners	0.05	0.05	N.D.	N.D.	N.D.

Remarks:
(1) Unit: mg/kg = ppm = 0.0001%;
(2) MDL= Method Detection Limit;
(3) ND = Not Detected (< MDL).

11) Terephthalic acid, Isophthalic acid, Ethylene glycol and Diethylene glycol, Antimon Specific Migration

Test Method: With reference to EN 13130-1:2004, analyzed by analyzed by HPLC.

Test Condition: 3 % acetic acid (w/v); 40°C, 0.5 hour

Test Items	Limit	MDL	P4 Result		
			First	Second	Third
Terephthalic acid Migration	7.5	0.2	N.D.	N.D.	N.D.
Isophthalic acid Specific Migration	5	0.2	N.D.	N.D.	N.D.
Ethylene glycol and Diethylene glycol Specific Migration	30	3	N.D.	N.D.	N.D.
Antimony Specific Migration	0.04	0.01	N.D.	N.D.	N.D.

Remarks:
(1) Unit: mg/kg = ppm = 0.0001%;
(2) MDL = Method Detection Limit;
(3) N.D. = Not Detected(<MDL).

12) Formaldehyde Specific Migration

Test Method: With reference to EN 13130-1:2004, analyzed by analyzed by HPLC.

Test Condition: 3 % acetic acid (w/v); 40°C, 0.5 hours

Test Items	Limit	MDL	P2 Result		
			First	Second	Third
Formaldehyde Specific Migration	15	2.0	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P3 Result		
			First	Second	Third
Formaldehyde Specific Migration	15	2.0	N.D.	N.D.	N.D.

Test Items	Limit	MDL	P8 Result		
			First	Second	Third
Formaldehyde Specific Migration	15	2.0	N.D.	N.D.	N.D.

Remarks:
(1) Unit: mg/kg = ppm = 0.0001%;
(2) MDL = Method Detection Limit;
(3) N.D. = Not Detected(<MDL).

13) Heavy Metals Migration(24 elements)

Test Method： With reference to CM/Res (2020)9 and EDQM METALS AND ALLOYS used in food contact materials and articles 2nd Edition 2024, analyzed by ICP-OES.

Test Condition: 0.5% citric acid; 40°C, 0.5 hours

Test Items	7*Limit	MDL	P6 Result			
			1st Result	2nd Result	1st +2nd	3rd Result
Silver (Ag)	0.56	0.01	N.D.	N.D.	N.D.	N.D.
Aluminum (Al)	35	0.1	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.014	0.001	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	8.4	0.1	N.D.	N.D.	N.D.	N.D.
Beryllium (Be)	0.07	0.01	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.035	0.001	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	0.14	0.01	N.D.	N.D.	N.D.	N.D.
Chromium (Cr)	7	0.01	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	28	0.1	N.D.	N.D.	N.D.	N.D.
Iron (Fe)	280	0.1	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	0.021	0.001	N.D.	N.D.	N.D.	N.D.
Lithium (Li)	0.336	0.01	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	3.85	0.1	N.D.	N.D.	N.D.	N.D.
Molybdenum (Mo)	0.84	0.1	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	0.98	0.1	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	0.07	0.01	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	0.28	0.01	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	700	0.1	N.D.	N.D.	N.D.	N.D.
Thallium (Tl)	0.007	0.001	N.D.	N.D.	N.D.	N.D.
Vanadium (V)	0.07	0.01	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	35	0.1	N.D.	N.D.	N.D.	N.D.
Zirconium(Zr)	14	0.1	N.D.	N.D.	N.D.	N.D.
Magnesium(Mg)	-	0.1	N.D.	N.D.	N.D.	N.D.
Titanium(Ti)	-	0.1	N.D.	N.D.	N.D.	N.D.

Test Items	7*Limit	MDL	P7 Result			
			1st Result	2nd Result	1st +2nd	3rd Result
Silver (Ag)	0.56	0.01	N.D.	N.D.	N.D.	N.D.
Aluminum (Al)	35	0.1	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.014	0.001	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	8.4	0.1	N.D.	N.D.	N.D.	N.D.
Beryllium (Be)	0.07	0.01	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.035	0.001	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	0.14	0.01	N.D.	N.D.	N.D.	N.D.
Chromium (Cr)	7	0.01	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	28	0.1	N.D.	N.D.	N.D.	N.D.
Iron (Fe)	280	0.1	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	0.021	0.001	N.D.	N.D.	N.D.	N.D.
Lithium (Li)	0.336	0.01	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	3.85	0.1	N.D.	N.D.	N.D.	N.D.
Molybdenum (Mo)	0.84	0.1	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	0.98	0.1	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	0.07	0.01	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	0.28	0.01	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	700	0.1	N.D.	N.D.	N.D.	N.D.
Thallium (Tl)	0.007	0.001	N.D.	N.D.	N.D.	N.D.
Vanadium (V)	0.07	0.01	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	35	0.1	N.D.	N.D.	N.D.	N.D.
Zirconium(Zr)	14	0.1	N.D.	N.D.	N.D.	N.D.
Magnesium(Mg)	-	0.1	N.D.	N.D.	N.D.	N.D.
Titanium(Ti)	-	0.1	N.D.	N.D.	N.D.	N.D.

Remarks:
(1) Unit: mg/kg = ppm = 0.0001%;
(2) MDL = Method Detection Limit;
(3) N.D. = Not Detected (<MDL);
(4) "-" = Not Regulated.

14) Organotin (as Tin) Specific Migration

Test Method: With reference to EN 13130-1:2004, analyzed by analyzed by ICP-OES and ICP-MS.

Test Condition: 3 % acetic acid (w/v); 40°C, 0.5 hours

Test Items	Limit	MDL	P9 Result		
			First	Second	Third
Organotin (as Tin) Specific Migration	0.1	0.1	N.D.	N.D.	N.D.

Remarks:
(1) Unit: mg/kg = ppm = 0.0001%;
(2) MDL = Method Detection Limit;
(3) N.D. = Not Detected(<MDL).

15) Lead, Cadmium and Cobalt migration

Test Method: With reference to 84/500/EEC and 2005/31/EC, analyzed by ICP-OES.

Test conditions: 4 % acetic acid (v/v), 24 hours, 22.0 °C

Test Items	Limit	Unit	MDL	P9 Result
Lead migration	4.0	mg/L	0.1	N.D.
Cadmium migration	0.3	mg/L	0.01	N.D.
Cobalt migration	0.01	mg/kg	0.01	N.D.

Remark:
(1) mg/dm^2= milligram/square decimeter, v/v= volume/volume;
(2) MDL = Method Detection Limit;
(3) ND = Not Detected (<MDL);
(4) "-" = Not Regulated.

16) 2,2,4,4-Tetramethyl-1,3-cyclobutanediol(TMCD) Specific Migration

Test Method: With reference to EN 13130-1:2004, analyzed by analyzed by ICP-OES and ICP-MS.

Test Condition: 3 % acetic acid (w/v); 40°C, 0.5 hours

Test Items	Limit	MDL	P9 Result		
			First	Second	Third
2,2,4,4-Tetramethyl-1,3-cyclobutanediol(TMCD) Specific Migration	5	0.1	N.D.	N.D.	N.D.

Remarks:
(1) Unit: mg/kg = ppm = 0.0001%;
(2) MDL = Method Detection Limit;
(3) N.D. = Not Detected(<MDL).

TEST SAMPLE

	
Sample photo (Photo of P1)	Photo of P2
	
Photo of P3	Photo of P4

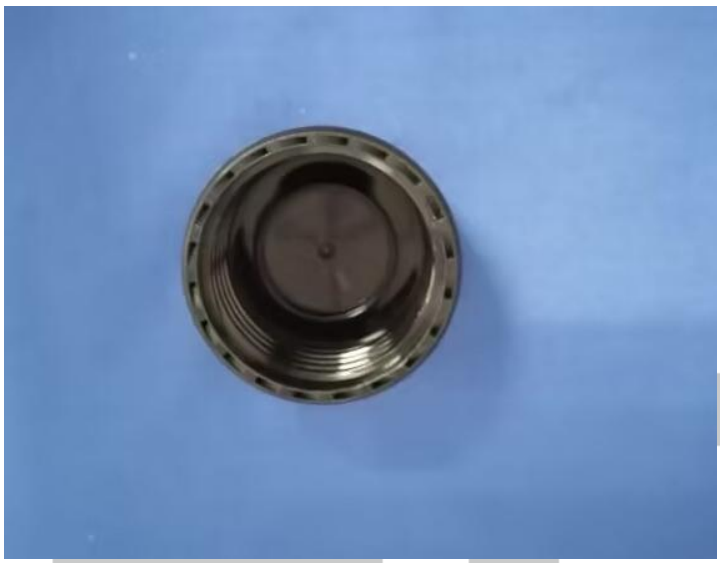	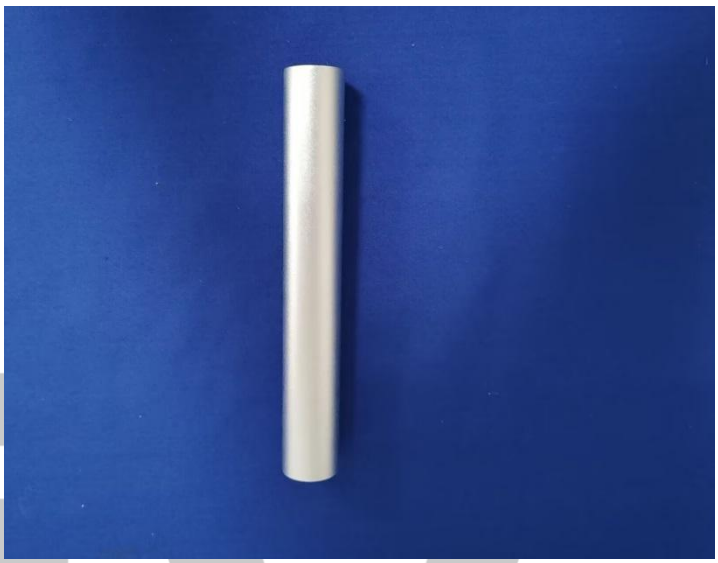
Photo of P5	Photo of P6
	
Photo of P7	Photo of P8

	
Photo of P9	Photo of P10
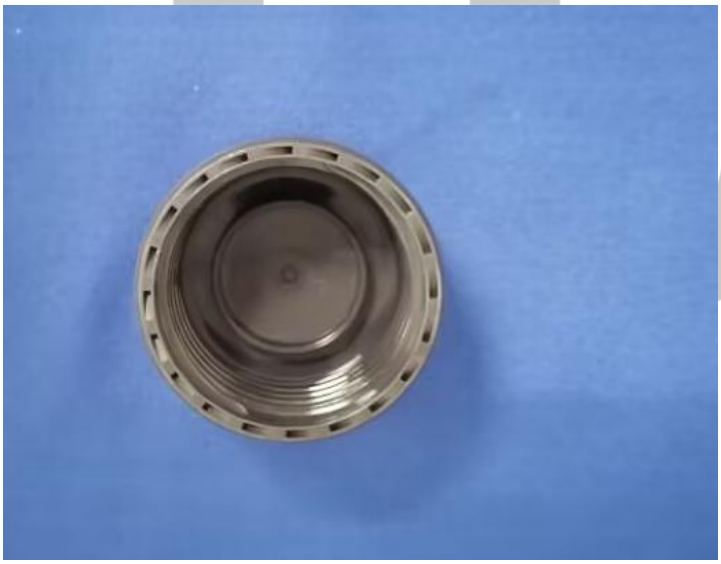	
Photo of P11	Photo of P12

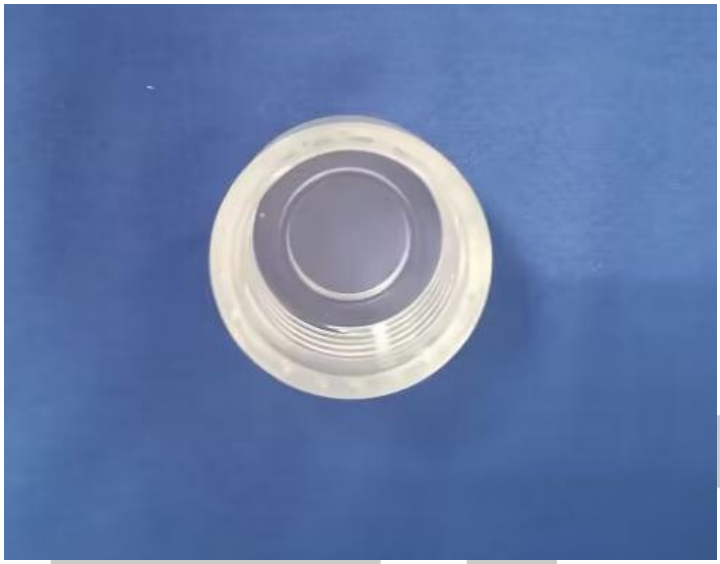	
Photo of P13	Sample photo

********** END OF REPORT **********