



EKOTEKS

**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**
Esenyurt Firuzköy Bulvarı No:29 34325 Avcılar
İstanbul/ TÜRKİYE



AB-0583-T

2400009438-
RER

03.25

TEST REPORT
DENEY RAPORU

Report Nr / Revision Nr : 2400009438
Customer name : ALDO BEBEK ÜRÜNLERİ SANAYİ VE TİCARET LTD.ŞTİ
Applicant Address : AKTIM AKÇABURGAZ MH.AKBURGAZ CAD NO :20-AB ESENYURT/İSTANBUL
Buyer name : -
Contact Person : -
Sample Accepted on : 26.11.2024
Re-submitted/re-confirmation date : -
Date of test : 22.11.2024 / 18.12.2024
Fiber Composition : Claimed to be :-
Sample Description : 01 - Pink Blue rattle

Order No : -
Model Number : 727 Rattle
Previous Report No : -

Sampling : The results given in this report belong to the received sample by vendor.
End use : -
Care label : -

Decision Rule : -
Disclaimer Statement : -
Conformity Assessment : -

The Turkish Accreditation Agency (TURKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of test reports. EKOTEKS LABORATUVAR ve GÖZETİM HİZMETLERİ A.Ş. accredited by TÜRKAK under registration number [AB-0583-T] for ISO 17025:2017 as test laboratory.

The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Seal

Date
06.03.2025

Customer Representative
YAGMUR OKUMUS

Laboratory Manager
Sevim A. RAZAK
06.03.2025



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TEST RESULTS

TEST	METHOD	EVALUATION
EN 71-1-SAFETY OF TOYS-PART 1:MECHANICAL AND PHYSICAL PROPERTIES	EN 71-1:2014+A1:2018	P
FLAMABILITY	BS EN 71-2:2020	P
DETERMINATION OF PHTHALATES	CPSC-CH-C1001-09.4:2018	P
SAFETY OF TOYS-PART 3: MIGRATION OF CERTAIN ELEMENTS	EN 71-3:2019+A1:2021-K3	P
DETERMINATION OF BISPHENOLS (*)	Inhouse Method	P
DETERMINATION OF RELEASE OF N-NITROSAMINE AND N-NITROSABLE SUBSTANCES	EN 71-12:2016	P

REMARK: Original samples are kept for 3 months and all technical records are kept for 5 years unless otherwise specified.If requested, measurement uncertainty will be reported. But unless otherwise specified, measurement uncertainty is not considered while stating compliance with specification or limit values The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The declaration of conformity was given in accordance with the Simple Acceptance Decision Rule. (without considering the level of confidence and measurement uncertainty , evaluation of suitability or non-conformity based on whether the test result obtained is only within the specified limits) Tests marked (*) in this report are not included in the accreditation schedule.

Note: The report dated 17.12.2024 dated 2400009438 has been added to the 2400009438 -RER due to the change of "Customer name" and has been replaced with the report dated 06.03.2025

TEST RESULTS

Photo of the sample received



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TEST RESULTS

Sample ID	Part No.	Part ID	Explanatory Information
A	1	BLUE-PINK PLASTIC FLOORS	

Summary of Results

Parts & Results															
Parts	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DETERMINATION OF PHTHALATES	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAFETY OF TOYS- PART 3: MIGRATION OF CERTAIN ELEMEN	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DETERMINATION OF BISPHENOLS	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DETERMINATION OF RELEASE OF N-NITROSAMINE AND N-NI	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-

P Pass
F Fail
LS Lack of sample.
NA Not applicable
R Refer to retailer technologist

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DETERMINATION OF PHTHALATES

CPSC-CH-C1001-09.4:2018

Test sample is extracted in suitable organic solvent in extraction device. The extract is analyzed by GC-MS and result is given.

Tested Parts	Result (ppm)	Result (%)	Total Results (ppm)	Total Results (%)	Limit Value (ppm)	Limit Value (%)	Extraction Method	Evaluation
1	N.D	<0.006	< 60	<0.006	Total: 100	Total : 0.1	-	PASS

BBP/ Butylbenzylphthalate (85-68-7) DBP/ Dibutylphthalate (84-74-2)
DEHP/ Di-(2-ethylhexyl) phthalate (117-81-7) DCHP/ Di-cyclohexylphthalate (84-61-7)
DIBP/ Bis - iso -butyl phthalate (84-69-5) DINP/ Di-iso-nonylphthalate (28553-12-0)/ (68515-48-0)
DNHP/ Di-n-hexyl phthalate (84-75-3) DMP/ Dimethylphthalate (131-11-3)
DPP/ Di-pentylphthalate (n-, iso-, or mixed) (131-18-0) / (605-50-5) (776297-69-9) / (84777-06-0)
DEP/ Di-ethylphthalate (84-66-2) DMEP/ Di-(2-methoxyethyl) phthalate (117-82-8)
DIHP/ Di-C6-8-branched alkylphthalates (71888-89-6) DNOP/ Di-n-octylphthalate (117-84-0)
DIDP/ Di-isodecylphthalate (26761-40-0)/ (68515-49-1) DHNUP/Di-C7-11-branched alkylphthalates (68515-42-4)
DHP/ Di-hexylphthalates, branched and linear (68515-50-4)
DIHxP/ Di-iso-hexylphthalate (71850-09-4) DIOP/ Di-iso-octylphthalate (27554-26-3)
DPrP/ Di-n-propylphthalate (131-16-8) DNP/ Di-n-nonylphthalate (84-76-4)
1,2-Benzenedicarboxylic acid, di-C6-10 alkyl esters (68515-51-5)
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters (68648-93-1)

Total Uncertainty:17%

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SAFETY OF TOYS-PART 3: MIGRATION OF CERTAIN ELEMENTS

EN 71-3:2019+A1:2021-K3

Tested Parts	Result (ppm)	Limit Value (ppm)	Evaluation
1	N.D	EXPLAINED BELOW	PASS

Limit Value : It is given by Safety of toys Part 3: Migration of certain elements- Scraped-off Materials, Category 3.

Reporting Limit : Mercury (Hg) 0,0125 ppm ; Chromium (Cr +6) 0,001 ppm ; Chromium (Cr +3) 0,47 ppm ; Organic (Tin) 0,02 ppm; Others 0,125 ppm.

< : Less than

ppm (part per million) : mg/kg

ND : Not Detected

Controlled Metals and Requirements Category-3:

Arsenic (As)	(CAS No :7440-38-2)	47 ppm	Selenium (Se)	(CAS No :7782-49-2)	460 ppm
Mercury (Hg)	(CAS No :7439-97-6)	94 ppm	Barium (Ba)	(CAS No :7440-39-3)	18750 ppm
Chromium (Cr +3)	(CAS No :7440-47-3)	460 ppm	Chromium (Cr +6)	(CAS No : 18540-29-9)	
0.053 ppm					
Manganese (Mn)	(CAS No :7439-96-5)	15000 ppm	Lead (Pb)	(CAS No :7439-92-1)	23
ppm					
Cobalt (Co)	(CAS No :7440-48-4)	130 ppm	Aluminium (Al)	(CAS No :7429-90-5)	28130 ppm
Nickel (Ni)	(CAS No :7440-02-0)	930 ppm	Strontium (Sr)	(CAS No :7440-24-6)	56000 ppm
Copper (Cu)	(CAS No :7440-50-8)	7700 ppm	Tin (Sn)	(CAS No :7440-31-5)	180000 ppm
Cadmium (Cd)	(CAS No :7440-43-9)	17 ppm	Zinc (Zn)	(CAS No :7440-66-6)	46000 ppm
Antimony (Sb)	(CAS No :7440-36-0)	560 ppm	Boron (B)	(CAS No :7440-42-8)	15000 ppm

* Confirmation test was performed on the tested component. Please see Migration of certain elements- Organotins table.

**Confirmation test on the tested metal was determined by Ion Chromatography-Inductively Coupled Plasma and Mass Spectroscopy (IC-ICP-MS).

The results have been determined by the device of Inductively Coupled Plasma - Mass Spectrometer (ICP- MS)

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DETERMINATION OF BISPHENOLS

Inhouse Method

The results have been determined by the device of Liquid Chromatography - Mass Spectroscopy (LC-MS/MS).

Tested Parts	Result (ppm)	Limit Value (ppm)	Evaluation
1	< 0.040	0.04	PASS

BISPHENOL A (CAS No : 80-05-7)

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TEST RESULTS

N-NİTROSAMİNES AND N-NİTROSATABLE SUBSTANCES; EN 71-12:2016			
Sample is extracted with test solution and determined using LC/MSMS.			
N-Nitrosamines	CAS NO	RESULT	REQUIREMENT
N-nitrosodiethanolamine (NDELA)	N.D. ⁽¹⁾	1116-54-7	
N-nitrosodimethylamine (NDMA)	62-75-9	N.D. ⁽¹⁾	
N-nitrosodiethylamine (NDEA)	55-18-5	N.D. ⁽¹⁾	
N-nitrosodipropylamine (NDPA) / N-nitrosodiisopropylamine (NDİPA)	621-64-7 / 601-77-4	N.D. ⁽¹⁾	
N-nitrosodibutylamine (NDBA) / N-nitrosodiisobutylamine (NDİBA)	924-16-3 / 997-95-5	N.D. ⁽¹⁾	
N-nitrosodiisononylamine (NDİNA)	1207995-62-7	N.D. ⁽¹⁾	
N-nitrosomorpholine (NMOR)	59-89-2	N.D. ⁽¹⁾	
N-nitrosopiperidine (NPIP)	100-75-4	N.D. ⁽¹⁾	
N-nitrosodibenzylamine (NDBzA)	5336-53-8	N.D. ⁽¹⁾	
N-nitroso-N-methyl-N-phenylamine (NMPhA)	614-00-6	N.D. ⁽¹⁾	
N-nitroso-N-ethyl-N-phenylamine (NEPhA)	612-64-6	N.D. ⁽¹⁾	
Total concentration		N.D. ⁽¹⁾	<0.05 mg/kg
The Migration of N-Nitrosatable Substances			
N-nitrosodiethanolamine (NDELA)	1116-54-7	N.D. ⁽¹⁾	
N-nitrosodimethylamine (NDMA)	62-75-9	N.D. ⁽¹⁾	
N-nitrosodiethylamine (NDEA)	55-18-5	N.D. ⁽¹⁾	
N-nitrosodipropylamine (NDPA) / N-nitrosodiisopropylamine (NDİPA)	621-64-7 / 601-77-4	N.D. ⁽¹⁾	
N-nitrosodibutylamine (NDBA) / N-nitrosodiisobutylamine (NDİBA)	924-16-3 / 997-95-5	N.D. ⁽¹⁾	
N-nitrosodiisononylamine (NDİNA)	1207995-62-7	N.D. ⁽¹⁾	
N-nitrosomorpholine (NMOR)	59-89-2	N.D. ⁽¹⁾	
N-nitrosopiperidine (NPIP)	100-75-4	N.D. ⁽¹⁾	
N-nitrosodibenzylamine (NDBzA)	5336-53-8	N.D. ⁽¹⁾	
N-nitroso-N-methyl-N-phenylamine (NMPhA)	614-00-6	N.D. ⁽¹⁾	
N-nitroso-N-ethyl-N-phenylamine (NEPhA)	612-64-6	N.D. ⁽¹⁾	
Total concentration		N.D. ⁽¹⁾	<1.0 mg/kg

N.D ⁽¹⁾<LOD

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SAFETY OF TOYS –PART 1: MECHANICAL AND PHYSICAL PROPERTIES;

BS EN 71-1+A1:2014+A1+:2018

Labeled age grade	-	Appropriate age grade :	
		Age grade for testing:	<3 Years

<u>SUBCLAUSE</u>	<u>REQUIREMENT</u>	<u>RESULT</u>
<u>4</u>	<u>GENERAL REQUIREMENTS</u>	<u>P</u>
4.1	Material cleanliness	P
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy Bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA

Note: P = Pass F = Fail NA = Not Applicable NR =Not Requested

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<u>SUBCLAUSE</u>	<u>REQUIREMENT</u>	<u>RESULT</u>
<u>5</u>	<u>TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS</u>	P
5.1	General Requirement	P
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic Sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid-filled toys	NA
5.6	Speed limitation of electrically driven toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	P
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric shaped toys	NA
5.13	Suction cup	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
<u>6</u>	<u>PACKAGING</u>	NA

Note: P = Pass F = Fail NA = Not Applicable NR =Not Requested

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SUBCLAUSE	REQUIREMENT	RESULT
Z	WARNING AND INSTRUCTION FOR USE	See: explanation
7.1	General	P
7.2	Toys not intended for children under 36 months.	NA
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectiles	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	NA
7.11	Toys intended to be attached to or strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethingers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy Scooters	NA
7.19	Rocking horse and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA

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TEST RESULTS

Total Uncertainty:

Total Uncertainty: Clause 8.3: 5,76, Clause 8.14(X): 7,79%, Clause 8.14(Y): 6,41%, Clause(Z): 25,22%, Clause 8.19: 6,17% , Clause 8.20: 6,33%, Clause 8.25: 10,11%, Clause 8.30: 7,55%, Clause 8.32.2: 4,36% Clause 8.35: 9,75%, Clause 8.36: 0,80%, Clause 8.37.1: 3,62%, Clause 8.37.2: 20,36%, Clause 8.40: 3,83%

SAFETY OF TOYS-PART 2: FLAMMABILITY: BS EN 71-2:2020

Applied cleaning procedure	Original sample was tested .
Conditioning	65±5 % RH,20±5°C/ At least 7 hours
Test atmosphere	10°C-30°C / 15-80 % RH, 0.2 m/sec airflow test cabinet

Subclause	REQUIREMENT	PART	REQUIREMENT
4			
4.1	General Requirement "Celluloid/cellulose nitrate and materials with a similar burning behaviour in fire"		P
4.2	Toys to be worn on the head		
4.2.2	Beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free hanging ribbons, paper, cloth strands or other flowing elements), which protrude 50 mm or more from the surface of the toy		NA
4.2.3	Beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free hanging ribbons, paper, cloth strands or other flowing elements), which protrude less than 50 mm from the surface of the toy		NA
4.2.4	Full or partial moulded head masks		NA
4.2.5	Flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, head-dresses, etc. and masks not covered by 4.2.4 which partially or fully cover the head (e.g.fabric and cardboard masks, eye masks, face masks), but excluding those items covered by 4.3		NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play		NA
4.4	Toys intended to be entered by a child		NA
4.5	Soft-filled toys		NA

Note: P = Pass F = Fail NA = Not Applicable NR = Not Required

Total Uncertainty: Clause 4.1: ± 0,05%