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The results relate only to the item tested.

TEST REPORT

Number: BKKH15015279S1

Applicant: P.GENERAL PRODUCTS
234 MOO 5 PRAKASA RD., PRAKASA, MUANG
SAMUTPRAKARN 10280

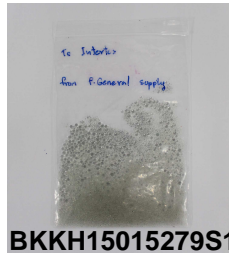
Date: Dec 16, 2024
**This report supersedes
The previous report
Date Dec 15, 2024**

Sample Submitted:

Quantity of sample: One (1) bag
Sample description: Clear **glass beads**
Date sample received: December 08, 2024
Date information received: December 16, 2024

Client Information:

Item Name: Glass Beads "P-Beads"
Item No.: Type A
Manufacturer: P.General Products
Country of origin: Thailand



Tests conducted:

As requested by the applicant, for details please refer to attached pages.

Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	EN71 Part 3 : 2013 + A1 : 2014 Migration of certain elements	Pass

Comment:

The testing scope of the following standard was not applicable to the submitted samples. However, the test results of the samples met the related requirements as stated in this report.

Authorized by :
For Intertek Testing Services (Thailand)

Ladtaka Wongwiboonporn
Laboratory Manager
Hardlines Department

Intertek Testing Services (Thailand) Ltd.
1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand
Tel.: (662) 837-2999 Fax: (662) 837-2936
E-mail Address: tfh.thailand@intertek.com



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TEST REPORT

Number: BKKH15015279S1

Test conducted:

1 19 Toxic elements migration test

(A) Test result

With reference to BS EN 71-3: 2013 + A1 : 2014.Determind by ICP-MS and GC-MS.

Category (III): Scraped-off toy material

<u>Element (Soluble)</u>	<u>Result (mg/kg)</u>	<u>LOD (mg/kg)</u>	<u>LOQ (mg/kg)</u>	<u>Limit (mg/kg)</u>
Aluminium (Al)	ND	1	5	70000
Antimony (Sb)	ND	1	5	560
Arsenic (As)	ND	0.02	0.1	47
Barium (Ba)	ND	1	5	18750
Boron (B)	ND	1	5	15000
Cadmium (Cd)	ND	0.02	0.1	17
Chromium (Cr) ^Δ	0.008	0.001	0.005	-
Chromium (III) (Cr III)	NC	-	-	460
Chromium (VI) (Cr VI)	NC	-	-	0.2
Cobalt (Co)	ND	0.2	1	130
Copper (Cu)	ND	1	5	7700
Lead (Pb)	ND	0.2	1	160
Manganese (Mn)	ND	1	5	15000
Mercury (Hg)	ND	0.2	1	94
Nickel (Ni)	ND	1	5	930
Selenium (Se)	ND	1	5	460
Strontium (Sr)	ND	1	5	56000
Tin (Sn) ^{ΔΔ}	ND	0.2	1	180000
Organic TIN	NC	1	3	12
Zinc (Zn)	<5	1	5	46000

Remark: mg/kg = Milligram per kilogram = ppm
 < = Less than
 NC = Not conducted
 ND = Not detected (Less than LOD)
 LOD = Limit of Detection
 LOQ = Limit of Quantitation
 Δ = If the migration of total Chromium is below the maximum limit for Chromium (VI), it can be inferred that the material complies with the requirements for both Chromium (III) and Chromium (VI).
 ΔΔ = If the migration of total Tin is below the maximum limit for Organic Tin, it can be inferred that the material complies with the requirements for Organic Tin.
 - Organic tin test result was expressed as tributyl tin.
 - As per EC decision 2013/492/EU of 7 October 2013 and in accordance with Court's Order of 15 May 2013 in case T-198/12R, the European Commission authorizes that the national provisions notified by the Federal Republic of Germany concerning limit values for Antimony(Sb)(60mg/kg), Arsenic (As)(25mg/kg), Mercury (Hg)(60mg/kg), Barium (Ba)(1000mg/kg) and Lead (Pb)(90mg/kg) in toys be maintained beyond 20 July 2013.



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TEST REPORT

Number: BKKH15015279S1

Test conducted:

Tested component: **Clear glass beads**
Testing period: December 08, 2024 to December 11, 2024

(B) Categories of various toy materials
Category I: dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. the material can be ingested. contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or Sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III: Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone , leather and other materials).

Comment:

When tested as specified, the results of the tested components MET the 19 toxic elements limits of the European Council Directive 2009/48/EC and amendment 2012/7/EU on the Safety of Toys.

***** E N D *****/NRS/KS/ST

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