



Test Report

Number: SHAH00695400

Applicant: NINGBO JOHNSEN STATIONERY CO.,LTD
NO 111-131, DINGXIANG ROAD, JIANGDONG
ZONE, NINGBO CHINA
Attn: GEMINI WU

Date: 01 Jul, 2016

Sample Description:

One (1) set of submitted sample said to be :

Item Name : **8g PVP Glue Stick, 21g PVP Glue Stick, 36g PVP Glue Stick.**

Item No. : **687280, 690668, 690679.**

Country Of Origin : **China.**

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Tested component of submitted sample	EN 71-3:2013+A1:2014 for migration of certain elements	Pass

To be continued

Authorized By:
For Intertek Testing Services Ltd., Shanghai

Leo Shi
General Manager



Tests Conducted

19 Toxic Elements Migration Test

(A) Test Result

As per EN 71-3: 2013 and amendment A1:2014 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography-Inductively Coupled Plasma-Mass Spectrometry, and Gas Chromatographic - Mass Spectrometry.

Category (III): Scraped-off toy material

<u>Element</u>	<u>Result (mg/kg)</u> (1)	<u>Limit (mg/kg)</u>
Aluminium (Al)	< 300	70000
Antimony (Sb)	< 10	560
Arsenic (As)	< 10	47
Barium (Ba)	< 10	18750
Boron (B)	< 50	15000
Cadmium (Cd)	< 5	17
Chromium (III) (Cr III)	< 10	460
Chromium (VI) (Cr VI)	< 0.15	0.2
Cobalt (Co)	< 10	130
Copper (Cu)	< 10	7700
Lead (Pb)	< 10	160
Manganese (Mn)	< 10	15000
Mercury (Hg)	< 10	94
Nickel (Ni)	< 10	930
Selenium (Se)	< 10	460
Strontium (Sr)	< 100	56000
Tin (Sn)	< 10	180000
Organic tin	< 3.0	12
Zinc (Zn)	< 100	46000

Remark: mg/kg = Milligram per kilogram

- Organic tin test result was expressed as tributyl tin.
- Unless specified, test results of Chromium (III), Chromium (VI) and Organic tin were derived from migration results of total chromium and tin respectively.

Tested Component(s): See component list in the last section of this report.

To be continued

Tests Conducted

(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).

Date Sample Received: 24 Jun, 2016

Testing Period: 24 Jun, 2016 To 29 Jun, 2016

To be continued

Tests Conducted



Components List:

- (1) White glue.(solid)

End of report

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