

Test Results:

Test Report No. CANEC 1610 223901 Date: 03 Jun 2016 Page 1 of 5

DANYANG NQ SPORTS AND FITNESS CO.,LTD

NO.66 FANGXIAN INDUSTRIAL PARK, FANGXIAN TOWN, DANYANG CITY, JIANGSU, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as: Latex tube

CP16-033780 - GZ SGS Job No. : Date of Sample Received : 31 May 2016

Testing Period: 31 May 2016 - 03 Jun 2016 Test Requested: Selected test(s) as requested by client. Test Method: Please refer to next page(s).

Based on the performed tests on submitted sample(s), the results of Cadmium, Conclusion: Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) do not exceed the limits as set by

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

violet

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Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Violet, Shi Approved Signatory



Date: 03 Jun 2016

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ND

ND

ND

ND

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Cr6+

Metallic

material

Boiling water

extraction

diphenylcarbazide

¥

UV-Vis

Adding 1,5-

for color development

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Test Report Test Results:

Test Part Description :

No. CANEC1610223901

Description

Red soft tube

Remarks: (1) 1 mg/kg = 0.0001%

SN1

(2) MDL = Method Detection Limit (3) ND = Not Detected (< MDL) (4) "-" = Not Regulated

Method using UV-Vis.

SGS Sample ID

CAN16-102239.001

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Lead (Pb)

cury (Hg)

(1)With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES. (2)With reference to IEC 62321-5:2013, determination of Lead by ICP-OES. (3)With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.

(5)With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS. MDL 001 Test Item(s) Limit Unit Cadmium (Cd)

100 mg/kg ND 2 1,000 mg/kg ND Hexavalent Chromium (CrVI) 1,000 mg/kg 2 ND

(4) With reference to IEC 62321:2008, determination of Hexavalent Chromium by Colorimetric

Sum of PBBs 1,000 mg/kg ND 5 Monobromobiphenyl mg/kg ND Dibromobiphenyl mg/kg 5 ND mg/kg Tribromobiphenyl 5 ND Tetrabromobiphenyl mg/kg 5 ND Pentabromobiphenyl ma/ka 5 ND Hexabromobiphenyl 5 ND mg/kg Heptabromobiphenyl mg/kg 5 ND mg/kg Octabromobiphenyl 5 ND Nonabromobiphenyl mg/kg 5 ND Decabromobiphenyl ND mg/kg 5 Sum of PBDEs 1.000 ND mg/kg Monobromodiphenyl ether mg/kg ND 510663 1 (86-20) 82155555 1 (86-20) 82075113 www.sgsgroup.co 510663 1 (86-20) 82155555 1 (86-20) 82075113 e sgs.china@ags



Heptabromodiphenyl ether

Octabromodiphenyl ether

Nonabromodiphenyl ether

Test Item(s) Limit MDL 001 Unit Dibromodiphenyl ether mg/kg ND Tribromodiphenyl ether mg/kg 5 ND Tetrabromodiphenyl ether ND mg/kg 5 Pentabromodiphenyl ether mg/kg 5 ND mg/kg Hexabromodiphenyl ether 5 ND

mg/kg

mg/kg

mg/kg

5

5

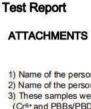
No. CANEC1610223901

Decabromodiphenyl ether mg/kg Notes: (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863. (2) On 4 June 2015, Commission Directive (EU) 2015/863 was published in the Official Journal of the European Union (OJEU) to include the phthalates BBP, DBP, DEHP and DIBP into ANNEX II of the Rohs Recast Directive. The new law restricts each phthalate to no more than 0.1% in each homogeneous material of an electrical product. (3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

restriction of DEHP, BBP and DBP through entry 51 of Annex XVII to Regulation (EC) No 1907/2006.

(5) The restriction of DEHP, BBP and DBP shall not apply to toys which are already subject to the

(4) The restriction of DEHP, BBP, DBP and DIBP shall not apply to cables or spare parts for the repair, the reuse, the updating of functionalities or upgrading of capacity of EEE placed on the market before 22 July 2019, and of medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, placed on the market before 22 July



1) Name of the person who made testing: Bruce Xiao / Sunny Hu Name of the person in charge of testing: Bella Wang / Cutey Yu
These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr6+ and PBBs/PBDEs test method excluded). Sample Preparation

PBBs/PBDEs

Nonmetallic

material

Adding digestion

reagent

Heating to 90~95°C for

extraction

Filtration and

pH adjustment

No. CANEC1610223901

Sample Measurement

Sample solvent

extraction

Concentration/

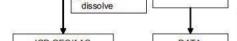
Dilution of extraction

solution

Filtration

GC-MS

Pb/Cd/Hg/Cr6+/PBBs/PBDEs Testing Flow Chart



Residue

1) Alkali Fusion /

Dry Ashing

2) Acid to

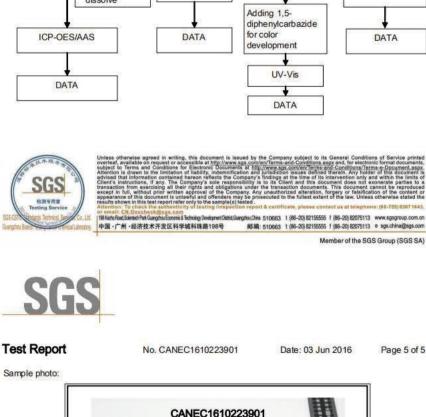
Pb/Cd/Hg

Acid digestion with

microwave/ hotplate

Filtration

Solution



*** End of Report ***

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