

Test Report

No.: CANHL25002293801

Date: Mar 13, 2025

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Client Name: HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD HAPE INTERNATIONAL (NINGBO) LTD

Client Address: 9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN, NINGBO, CHINA PC:315800

Sample Description: Rattle & Teether

Item No.: E0137,E0137K E0138,E0138K

Origin of the Product(s): CHINA

Destination of the Product(s):GLOBAL

Requested Age Grading: 3-12M

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

SGS No.: T52510270009SC

Sample Receiving Date: Feb 12, 2025

Testing Period: Feb 12, 2025 ~ Feb 20, 2025

Test Requested: Select test(s) as requested by the client.

Testing Performed: Follow selected test(s) as requested by client.

	Test Requirement	Conclusion
1	EN 71-12:2016- N-Nitrosamines and N-Nitrosatable substances	Pass

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

Allie Chen

Allie Chen
Approved Signatory

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Verification:
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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN25-0022938-0001.C001	Yellow soft plastic (Silicone) (Rattle & Teether)
SN2	A2	CAN25-0022938-0001.C002	Orange soft plastic (Silicone) (Rattle & Teether)
SN3	A3	CAN25-0022938-0001.C003	Green soft plastic (Silicone) (Rattle & Teether)
SN4	A4	CAN25-0022938-0001.C004	Blue soft plastic (Silicone) (Rattle & Teether)
SN5	A5	CAN25-0022938-0001.C005	Light blue soft plastic (Silicone) (Rattle & Teether)

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-” = Not Regulated

EN 71-12:2016- N-Nitrosamines and N-Nitrosatable substances

Test Method: With reference to EN 71-12:2016, analysis was performed by LC-MS-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
N-Nitrosodiethanolamine (NDELA)	-	mg/kg	0.01	ND	ND	ND
N-Nitrosodimethylamine (NDMA)	-	mg/kg	0.01	ND	ND	ND
N-Nitrosodiethylamine (NDEA)	-	mg/kg	0.01	ND	ND	ND
N-Nitrosodipropylamine (NDPA)	-	mg/kg	0.01	ND	ND	ND
N-Nitrosodiisopropylamine (NDiPA)	-	mg/kg	0.01	ND	ND	ND
N-Nitrosodibutylamine (NDBA)	-	mg/kg	0.01	ND	ND	ND
N-Nitrosodiisobutylamine (NDiBA)	-	mg/kg	0.01	ND	ND	ND
N-nitrosodiisononylamine (NDiNA)	-	mg/kg	0.01	ND	ND	ND
N-Nitrosomorpholine (NMOR)	-	mg/kg	0.01	ND	ND	ND
N-Nitrosopiperidine (NPIP)	-	mg/kg	0.01	ND	ND	ND
N-Nitrosodibenzylamine (NDBzA)	-	mg/kg	0.01	ND	ND	ND
N-Nitroso-N-methyl-N-phenylamine (NMPhA)	-	mg/kg	0.01	ND	ND	ND
N-Nitroso-N-ethyl-N-phenylamine (NEPhA)	-	mg/kg	0.01	ND	ND	ND
Sum of N-Nitrosamines	0.01	mg/kg	-	ND	ND	ND
N-Nitrosatable substances(NDELA)	-	mg/kg	0.1	ND	ND	ND
N-Nitrosatable substances (NDMA)	-	mg/kg	0.1	ND	ND	ND



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Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
N-Nitrosatable substances (NDEA)	-	mg/kg	0.1	ND	ND	ND
N-Nitrosatable substances (NDPA)	-	mg/kg	0.1	ND	ND	ND
N-Nitrosatable substances (NDiPA)	-	mg/kg	0.1	ND	ND	ND
N-Nitrosatable substances (NDBA)	-	mg/kg	0.1	ND	ND	ND
N-Nitrosatable substances (NDiBA)	-	mg/kg	0.1	ND	ND	ND
N-Nitrosatable substances (NDiNA)	-	mg/kg	0.1	ND	ND	ND
N-Nitrosatable substances (NMOR)	-	mg/kg	0.1	ND	ND	ND
N-Nitrosatable substances (NPIP)	-	mg/kg	0.1	ND	ND	ND
N-Nitrosatable substances (NDBzA)	-	mg/kg	0.1	ND	ND	ND
N-Nitrosatable substances (NMPHA)	-	mg/kg	0.1	ND	ND	ND
N-Nitrosatable substances (NEPHA)	-	mg/kg	0.1	ND	ND	ND
Sum of N-Nitrosatable substances	0.1	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A4	A5
N-Nitrosodiethanolamine (NDELA)	-	mg/kg	0.01	ND	ND
N-Nitrosodimethylamine (NDMA)	-	mg/kg	0.01	ND	ND
N-Nitrosodiethylamine (NDEA)	-	mg/kg	0.01	ND	ND
N-Nitrosodipropylamine (NDPA)	-	mg/kg	0.01	ND	ND
N-Nitrosodiisopropylamine (NDiPA)	-	mg/kg	0.01	ND	ND
N-Nitrosodibutylamine (NDBA)	-	mg/kg	0.01	ND	ND
N-Nitrosodiisobutylamine (NDiBA)	-	mg/kg	0.01	ND	ND
N-nitrosodiisononylamine (NDiNA)	-	mg/kg	0.01	ND	ND
N-Nitrosomorpholine (NMOR)	-	mg/kg	0.01	ND	ND
N-Nitrosopiperidine (NPIP)	-	mg/kg	0.01	ND	ND
N-Nitrosodibenzylamine (NDBzA)	-	mg/kg	0.01	ND	ND
N-Nitroso-N-methyl-N-phenylamine (NMPHA)	-	mg/kg	0.01	ND	ND
N-Nitroso-N-ethyl-N-phenylamine (NEPHA)	-	mg/kg	0.01	ND	ND
Sum of N-Nitrosamines	0.01	mg/kg	-	ND	ND
N-Nitrosatable substances (NDELA)	-	mg/kg	0.1	ND	ND
N-Nitrosatable substances (NDMA)	-	mg/kg	0.1	ND	ND
N-Nitrosatable substances (NDEA)	-	mg/kg	0.1	ND	ND



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Test Item(s)	Limit	Unit(s)	MDL	A4	A5
N-Nitrosatable substances (NDPA)	-	mg/kg	0.1	ND	ND
N-Nitrosatable substances (NDiPA)	-	mg/kg	0.1	ND	ND
N-Nitrosatable substances (NDBA)	-	mg/kg	0.1	ND	ND
N-Nitrosatable substances (NDiBA)	-	mg/kg	0.1	ND	ND
N-Nitrosatable substances (NDiNA)	-	mg/kg	0.1	ND	ND
N-Nitrosatable substances (NMOR)	-	mg/kg	0.1	ND	ND
N-Nitrosatable substances (NPIP)	-	mg/kg	0.1	ND	ND
N-Nitrosatable substances (NDBzA)	-	mg/kg	0.1	ND	ND
N-Nitrosatable substances (NMPHA)	-	mg/kg	0.1	ND	ND
N-Nitrosatable substances (NEPHA)	-	mg/kg	0.1	ND	ND
Sum of N-Nitrosatable substances	0.1	mg/kg	-	ND	ND
Conclusion				Pass	Pass

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



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Sample Photo:



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