

# Test Report

Report No.: GNBC240807135-06EN

Issue Date: Aug. 16, 2024

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The following information was/were submitted and identified by/on behalf of the client:

Applicant : Xplorys B.V.  
Address : Dopplerstraat 12 - 1704 SR Heerhugowaard The Netherlands  
Sample Name : Reusable lid  
Sample Model : 7128002  
Sample Receive Date : Aug. 07, 2024  
Sample Testing Period : Aug. 07, 2024 - Aug. 09, 2024  
Test Result Summary:

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

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Lead(Pb) content	Entry 63 of Commission Regulation (EU) 2023/923, (EU) 2021/57, (EU) 2015/628 and (EU) No 836/2012 amending Annex XVII of REACH Regulation (EC) No 1907/2006	PASS
Cadmium(Cd) content	Entry 23 of Commission Regulation (EU) 2016/217, (EU) No 835/2012 and (EU) No 494/2011 amending Annex XVII of REACH Regulation (EC) No 1907/2006	PASS
Phthalates content	Entry 51 & 52 of Commission Regulation (EU) 2018/2005 and (EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006	PASS

ORIGINAL

Authorized signature:



Lab Manager: Gavin Zhou



Aug. 16, 2024

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Test Result(s):

Test Part Description:

Part No.	Description
<u>01</u>	Grey plastic shell
<u>02</u>	Brown viscose

**1. Lead(Pb) content - REACH Regulation Annex XVII, Entry 63****Test Method:** With reference to IEC 62321-5:2013, Acid digestion and determined by ICP-OES

Part No.	Unit	MDL	Limit	Result(s)	Conclusion(s)
<u>01</u>	mg/kg	10	500	N.D.	PASS
<u>02</u>	mg/kg	10	500	96	PASS

**Note:**

1. 1000mg/kg = 0.1%;
2. MDL = Method Detection Limit;
3. N.D. = Not Detected (<MDL).

**2. Cadmium(Cd) content - REACH Regulation Annex XVII, Entry 23****Test Method:** With reference to IEC 62321-5:2013, Acid digestion and determined by ICP-OES

Part No.	Unit	MDL	Limit	Result(s)	Conclusion(s)
<u>01</u>	mg/kg	2	100	N.D.	PASS
<u>02</u>	mg/kg	2	100	N.D.	PASS

**Note:**

1. 1000mg/kg = 0.1%;
2. MDL = Method Detection Limit;
3. N.D. = Not Detected (<MDL).

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**3. Phthalates content - REACH Regulation Annex XVII, Entry 51 & 52****Test Method:** With reference to IEC 62321-8:2017, Solvent extraction and determined by GC-MS

For REACH Annex XVII Entry 51, Following phthalates intended for all the materials of toys and childcare articles:

Test Items	CAS No.	Unit	MDL	Limit	Result(s)	
					01	02
Dibutyl phthalate (DBP)	84-74-2	%	0.005	--	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	--	N.D.	N.D.
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	--	N.D.	N.D.
Di-iso-butyl phthalate (DIBP)	84-69-5	%	0.005	--	N.D.	N.D.
Sum of DBP, BBP, DEHP and DIBP	--	%	--	0.1	N.D.	N.D.
Conclusion(s)					PASS	PASS

For REACH Annex XVII Entry 52, Following phthalates intended for materials of toys and childcare articles that can be placed in the mouth:

Test Items	CAS No.	Unit	MDL	Limit	Result(s)	
					01	02
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	--	N.D.	N.D.
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	%	0.010	--	N.D.	N.D.
Di-iso-decyl phthalate (DIDP)	26761-40-0/ 68515-49-1	%	0.010	--	N.D.	N.D.
Sum of DNOP, DINP and DIDP	--	%	--	0.1	N.D.	N.D.
Conclusion(s)					PASS	PASS

- Note:**
1. 0.1% = 1000mg/kg;
  2. MDL = Method Detection Limit;
  3. N.D. = Not Detected (<MDL).

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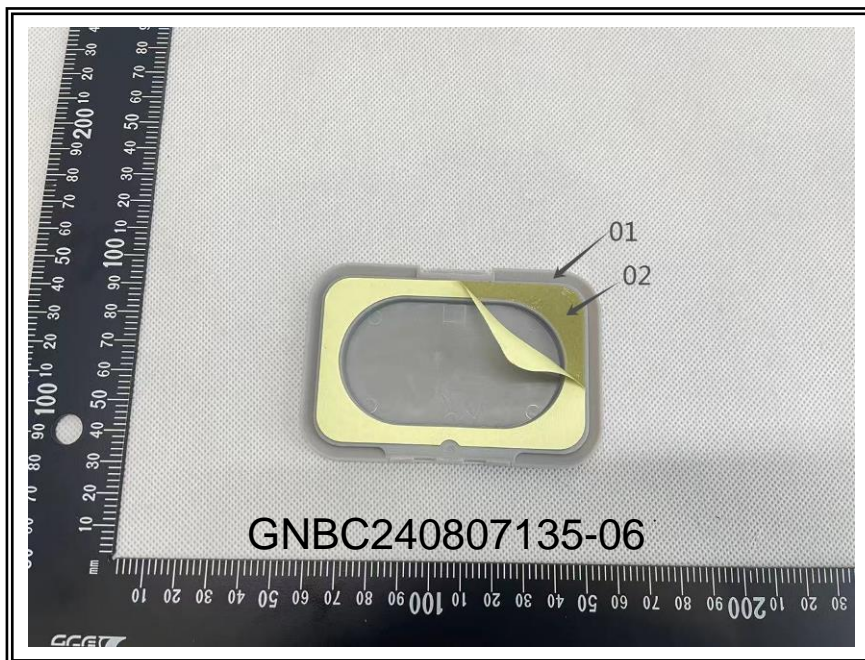
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### Sample Photo(s):



GIG authenticate the photo(s) on original report only

\*\*\*End of Report\*\*\*

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