

# Test Report

Report No.: GNBC24022715-01EN

Issue Date: Mar. 01, 2024

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

Applicant : MID OCEAN BRANDS B.V.  
Address : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.  
Sample Name : SUN LOTION, HAND CLEANER  
Sample Model : MO6130, MO9952, MO6115, MO8512, MO6789, MO6832, MO8743  
Sample Material : PP, Aluminium alloy, PVC, PE  
Sample Receive Date : Feb. 27, 2024  
Sample Testing Period : Feb. 27, 2024 - Feb. 29, 2024  
Test Result Summary:

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

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Heavy Metals - Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr VI) content	Directive 94/62/EC of the European Parliament and its amending Directive 2005/20/EC	PASS

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Authorized signature:



Lab Manager: Gavin Zhou



Mar. 01, 2024

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Test Result(s):

Test Sample Description:

Material No.	Material Description
<u>01</u>	Translucent plastic cap
<u>02</u>	Translucent plastic tube body
<u>03</u>	Translucent plastic shower nozzle
<u>04</u>	Translucent plastic tube body
<u>05</u>	Transparent plastic cap
<u>06</u>	White plastic shower nozzle
<u>07</u>	White plastic lid
<u>08</u>	White plastic bottle body
<u>09</u>	Translucent plastic lid
<u>10</u>	Silvery metal body fixed part (karabiner)
<u>11</u>	Transparent plastic bottle body
<u>12</u>	Transparent plastic bottle body
<u>13</u>	Translucent plastic lid
<u>14</u>	Translucent plastic tube
<u>15</u>	Black plastic lid
<u>16</u>	White plastic bottle body
<u>17</u>	White plastic with black printing
<u>18</u>	White plastic cap

## Heavy Metals - Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr VI) content

**Test Method:** Lead(Pb), Cadmium(Cd) – IEC 62321-5:2013, Acid digestion and determined by ICP-OES  
 Mercury(Hg) – IEC 62321-4:2013/AMD1:2017, Acid digestion and determined by ICP-OES  
 Cr(VI) – IEC 62321-7-1:2015, Boiling water extraction and determined colorimetrically by UV-vis  
 & IEC 62321-7-2:2017, Solution extraction and determined colorimetrically by UV-vis

<u>Test Items</u>	<u>Unit</u>	<u>RL</u>	<u>Limit</u>	<u>Result(s)</u>		
				<u>01+02+03</u>	<u>04+14+16</u>	<u>05+06</u>
Lead (Pb)	mg/kg	10	--	N.D.	N.D.	N.D.
Cadmium (Cd)	mg/kg	10	--	N.D.	N.D.	N.D.
Mercury (Hg)	mg/kg	10	--	N.D.	N.D.	N.D.
Hexavalent Chromium(Cr VI)	mg/kg	50	--	N.D.	N.D.	N.D.
Sum of Pb, Cd, Hg and Cr VI	mg/kg	--	100	N.D.	N.D.	N.D.
<u>Conclusion(s)</u>				PASS	PASS	PASS

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Test Items	Unit	RL	Limit	Result(s)		
				07+08+09	10	11+12
Lead (Pb)	mg/kg	10	--	N.D.	49	N.D.
Cadmium (Cd)	mg/kg	10	--	N.D.	N.D.	N.D.
Mercury (Hg)	mg/kg	10	--	N.D.	N.D.	N.D.
Hexavalent Chromium(Cr VI)	mg/kg	50	--	N.D.	N.D.	N.D.
Sum of Pb, Cd, Hg and Cr VI	mg/kg	--	100	N.D.	49	N.D.
Conclusion(s)				PASS	PASS	PASS

Test Items	Unit	RL	Limit	Result(s)	
				13+15+18	17
Lead (Pb)	mg/kg	10	--	N.D.	N.D.
Cadmium (Cd)	mg/kg	10	--	N.D.	N.D.
Mercury (Hg)	mg/kg	10	--	N.D.	N.D.
Hexavalent Chromium(Cr VI)	mg/kg	50	--	N.D.	N.D.
Sum of Pb, Cd, Hg and Cr VI	mg/kg	--	100	N.D.	N.D.
Conclusion(s)				PASS	PASS

- Note:**
1. 1000mg/kg = 0.1%;
  2. RL = Reporting Limit;
  3. N.D. = Not Detected (<RL);
  4. For sample(s) 01+02+03, 04+14+16, 05+06, 07+08+09, 11+12 and 13+15+18, composite test has been performed as per client's request and the test result is the overall result.

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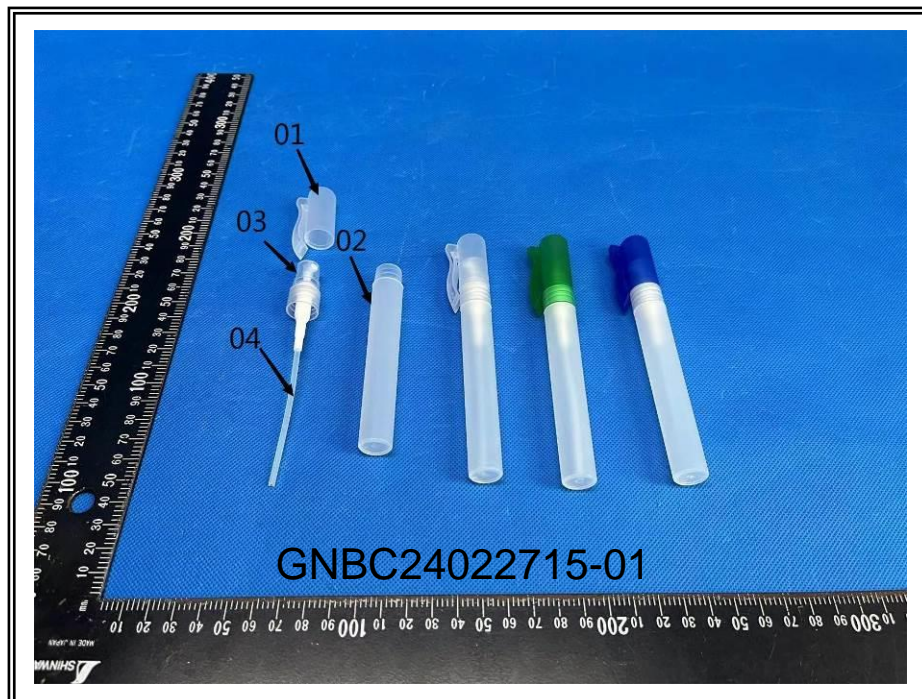
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### Sample Photo(s):



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GIG authenticate the photo(s) on original report only

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

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