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## TEST REPORT

24 February 2021

### Sample Information

Sample name	Diamond Oil Active 106020
Sample reception	28/02/2021
Sample no.	392-2021-00046801
Analysis period	03/02/2021 - 10/02/2021

### Brief Evaluation of the Results

Type of analysis	Conclusion	Standard
Migration of certain 19 elements	Pass	EN 71-3:2019-08, Category III

Full details based on the testing and direct comparison with limit values are available in the following pages

Eurofins Product Testing A/S



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\*: Not accredited

<: Less than

>: Greater than

LOD: Limit of detection

Um(%): The expanded uncertainty Um(%) equals 2 x RSD%. For further information please visit [www.eurofins.dk/uncertainty](http://www.eurofins.dk/uncertainty)

The results are only valid for the tested sample(s).

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⌘: Internal test method

n.d: Not detected

n.m: Not measurable

LOQ: Limit of quantification

## Results

### 392-2021-00046801 (Diamond Oil Active 106020)

Limits of element migration from accessible parts of toy material																			
All figures quoted as mg soluble element per kg material																			
Element	B	Al	Total Cr	Cr (VI)	Mn	Co	Ni	Cu	Zn	As	Se	Sr	Cd	Sn	Or- ganic Sn	Ba	Hg	Pb	Sb
	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]
Limits Category I (dry, brittle, powder like, pliable)	1200	5625	37.5	0.02	1200	10.5	75	622.5	3750	3.8	37.5	4500	1.3	15000	0.9	1500	7.5	2	45
Limits Category II (liquid, sticky)	300	1406	9.4	0.005	300	2.6	18.8	156	938	0.9	9.4	1125	0.3	3750	0.2	375	1.9	0.5	11.3
Limits Category III (scraped-off)	15000	70000	460	0.053	15000	130	930	7700	46000	47	460	56000	17	180000	12	18750	94	23	560
Result of analysis																			
Diamond Oil Active 106020 (Category III)	1.2	4.3	0.04	-	41	< 0.05	< 0.25	0.84	16	< 0.05	< 0.5	130	< 0.05	< 0.08	< 12	8.7	< 0.05	< 0.05	< 0.25
Method Reference																			
EN 71-3:2019-08 – Safety of toys – Migration of certain 19 elements [ICP-MS]																			
Comment																			
- Tests performed at Eurofins Consumer Product Testing GmbH; DIN EN ISO/IEC 17025:2018 - DAkkS accreditation D-PL-14435-01-00																			

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## Picture of Sample



## Version History

Report date	Report number	Modification
24 February 2021	392-2021-00046801_XN_EN_Rev01	Sample name corrected. This version is considered valid.
17 February 2021	392-2021-00046801_XN_EN	This version is no longer valid.

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