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Date  
June 23<sup>rd</sup>, 2014

your ref.

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Our ref.  
G25695/BJ1

## Test report – EN 71-3 Migration

### Sample material

Identification	One sample to be tested for EN 71-3 migration of certain elements
Sample receipt	June 6, 2014
Number / type	1 sample identified as: Lab no. G25695: Industrial Oil 1505
Analytical period	June 6 – June 23, 2014

### Applied methods

Method nor.	Parameter	Principle	Limit of detection	$U_m$ (%) <sup>(1)</sup>
EN 71-3:2013	Certain elements	Acid extraction of soluble elements. Analysis by ICP/MS	0.005 – 5 mg/kg	20%

(1)  $U_m$  (%): The expanded uncertainty  $U_m$  is equal to 2 x RSD%, see also [www.eurofins.dk](http://www.eurofins.dk). Keyword: Uncertainty

### Results

The sample Industrial Oil 1505 **complies** with the requirements in EN 71-3:2013.

Results are presented on the following page.

Eurofins Product Testing A/S



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## Analytical results

Table 1: Test results for sample Industrial Oil 1505

Unit: mg/kg / Sample: Parameter	Industrial Oil 1505	
	Results	Limit value
Aluminum	< 20	70000
Antimony	< 0.2	560
Arsenic	< 0.05	47
Barium	270	18750
Boron	< 10	15.000
Cadmium	0.05	17
Chromium	0.023	460
Chromium (VI)	N/A	0.2
Cobalt	28	130
Copper	1.1	7700
Lead	< 0.2	160
Manganese	24	15000
Mercury	< 0.05	94
Nickel	< 0.5	930
Selenium	< 0.005	460
Strontium	4.0	56000
Tin	0.25	180000
Organic Tin	N/A	12
Zinc	5.8	46000

<: means less than; N/A: Not applicable