

FCM•testing ApS

Test af materialer med fødevarekontakt

Page: 1 af 3

Test report.

Report template no. 001

No.: 2023-1102

Date: 2023.02.17

Customer: Treco A/S
Address: Ringvejen 2
9560 Hadsund
Att: Kristian Mikkelsen

Product Name: Alu-plade
Product Description: Aluminium
Batch number:
Sampled by: Customer
Sample Receiving date: 2023.02.10
Testing Period: 2023.02.10 - 2023.02.17

Test requested:

Test of alumina plate according to Council of Europe Resolution CM/Res(2013)9, Metals and alloys used in food contact materials and articles. Extractable heavy metals. Repeat test.

Test summary:

Type of analysis

Specific migration of metals in Alumina

Conclusion

Pass

Regulation or protocol

Resolution CM / Res (2013) 9

Test results: See next page.

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Per Holst-Hansen
MSc/CEO

The analysis report may only be reproduced in extracts if FCM • testing has approved the extract in writing.
The results apply only to the analyzed samples.

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1: Migration performed according to resolution CM / Res (2013) 9, 11 June 2013#

Simulant	Test time	Test temperature
Artificial drinking water (EN 16889:2016) former (DIN 10531:2011)	2 hours ± 5 minute	100°C ± 3°C

Test results: repeat test

Test	Result Sum 1.+ 2. migration mg/kg	Limit Sum 1.+ 2. migration mg/kg*	Result 3.migration mg/kg	Limit 3.migration mg/kg*	Method RSD	Metod DL mg/l	Pass/Fail**
Silver (Ag)	N.D.	0,56	N.D.	0,08	10%	0,01	Pass
Aluminium (Al)	0,12	35	0,06	5	10%	0,01	Pass
Chromium (Cr)	N.D.	1,75	N.D.	0,25	10%	0,01	Pass
Cobalt (Co)	N.D.	0,14	N.D.	0,02	10%	0,01	Pass
Copper (Cu)	N.D.	28	N.D.	4	10%	0,01	Pass
Iron (Fe)	N.D.	280	N.D.	40	25%	0,01	Pass
Manganese (Mn)	N.D.	12,6	N.D.	1,8	10%	0,01	Pass
Molybdenum (Mo)	N.D.	0,84	N.D.	0,12	20%	0,01	Pass
Nickel (Ni)	N.D.	0,98	N.D.	0,14	10%	0,01	Pass
Tin (Sn)	N.D.	700	N.D.	100	10%	0,01	Pass
Vanadium (V)	N.D.	0,07	N.D.	0,01	10%	0,01	Pass
Zink (Zn)	N.D.	35	N.D.	5	10%	0,01	Pass
Antimony (Sb)	N.D.	0,28	N.D.	0,04	10%	0,01	Pass
Arsenic (As)	N.D.	0,014	N.D.	0,002	10%	0,001	Pass
Barium (Ba)	N.D.	8,4	N.D.	1,2	10%	0,01	Pass
Beryllium (Be)	N.D.	0,07	N.D.	0,01	10%	0,01	Pass
Cadmium (Cd)	N.D.	0,035	N.D.	0,005	10%	0,001	Pass
Lead (Pb)	N.D.	0,07	N.D.	0,01	10%	0,001	Pass
Lithium (Li)	N.D.	0,336	N.D.	0,048	10%	0,01	Pass
Mercury (Hg)	N.D.	0,021	N.D.	0,003	17%	0,001	Pass/fail
Thallium (Tl)	N.D.	0,0007	N.D.	0,0001	10%	0,0001	Pass

* Limit values from Council of Europe Resolution CM / Res (2013) 9

** Compliance is in relation to Council of Europe Resolution CM / Res (2013) 9

The test is performed by accredited subcontractor STQ Testing Services Co., Ltd ISO 17025 IAS TL-532, The test is not covered by the accreditation.

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Photo test item

*** End of Report***

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