



Institut für **Baubiologie** Rosenheim GmbH

# Statement

No. 3017 - 889

for the products

**Calcium sulphate panel**  
**MERO types N, G, 6 and Combi T**

Applicant: MERO-TSK International GmbH & Co. KG  
Max-Mengeringhausen-Straße 5  
D-97084 Würzburg

Diese Stellungnahme darf nur ungekürzt und unverändert vervielfältigt und veröffentlicht werden. Jede andere Verwendung, auch in Auszügen oder Zitaten, bedarf der schriftlichen Genehmigung des IBR.

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## Product

The company has instructed us to subject its products the calcium sulphate panels MERO types N, G, 6 and Combi T to heavy metal testing.

The products were collected from the customer on 11 April 2017 by Mr. Winhager.

## Test results

**Analytical Method:** Quantitative determination according to DIN EN ISO 17294-2: Determination of 62 elements by inductively coupled plasma with mass spectrometry (ICP-MS). Internal Standards: Yttrium and Rhenium, calibration of ICP-MS by multiple element standards (simple linear).

**Sample Preparation:** Preparation and extraction according to EN 71-3-2013, addition of internal standards (Rhodium and Rhenium). Results are expressed in mg/kg of soluble element referring to sample.

Element	Test result [mg/kg]	Limit value Category I* [mg/kg] (dry, powdery)	Detection limit [mg/kg]
Al	190	5625	10
As	0.4	3.8	0.2
B	20	1200	5
Ba	7	1500	5
Cd	< 0.1	1.3	0.1
Co	< 0.5	10,5	0.5
Cr	< 1	37.5	1
Cu	2	622.5	1
Hg	< 0.1	7.5	0.1
Mn	70	1200	2
Ni	1	75	1
Pb	1	13.5	0.5
Sb	< 0.5	45	0.5
Se	4	37.5	1
Sn	< 1	15000	1
Sr	290	4500	5
Zn	< 5	3750	5

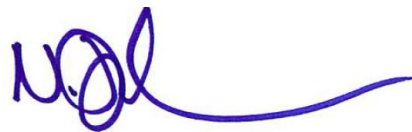
\* Limit value referring to EN71:3-2013

In order to ensure neutrality and impartiality, all tests were carried out by independent third parties. We commission the required studies and tests from economically independent laboratories with which we have been maintaining long-standing business relationships. All test results contained in this expert report have been taken from the external test reports. They are archived and can be viewed by the ordering party at any time. The logo of the seal of approval as shown below is protected by copyright. All rights are owned by the IBR.

Rosenheim, 10<sup>th</sup> of May 2017



Reimut Hentschel | Manager



Dr. Nicole Dannenbauer | Dipl.-Chem.

## Bibliography

Within the framework of quality management, we also aim to provide sufficient transparency of our processes to third parties. Among other things, this includes listing all parties involved in the certification process.

Laboratories	Investigations	Address	Internet
Indikator GmbH	Heavy metals content	Kaiserstraße 86 a 42329 Wuppertal/Germany +49 (0)202 2641085	<a href="http://www.indikator-labor.de">www.indikator-labor.de</a> <a href="mailto:info@indikator-labor.de">info@indikator-labor.de</a>

All of the aforementioned parties are economically independent companies who provide commercial laboratory analyses in their own name and on their own account.

