



DEAD SEA BROMINE COMPANY LTD

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ICL\Specialty Minerals

Periclase Manufacturing site Address - Mishor Rotem Arava 8680600 Israel www.icl-group.com info@periclase.icl-ip.com
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Dispatch No.: 187514674

ÜBERPRÜFT
Von Bettina Pölking, 10:17, 17.01.2022

15 December 2021

CERTIFICATE OF ANALYSIS

GENEHMIGT

Von Patrick Wendland, 12:00, 17.01.2022

Total Weight: 14,000.000 KG

Product: Magnesium Oxide, HA grade, comply with current USP/FCC/EP/E530
Manufacturing Site: Dead Sea Periclase, Mishor Rotem, M.P. Arava, 8680600, Israel
Technical Information: store in original packaging in a dry, ventilated space.

Inspection Characteristics	Batches>>>	303213574 ✓✓
Magnesium Oxide as MgO	98.0-100.5%	99.8 ✓✓✓ ✓✓✓
Identification Positive for Magnesium		PASSED TEST ✓✓
Solution S	To Pass Test	PASSED TEST ✓✓
Appearance of Solution	To Pass Test	PASSED TEST ✓✓
Free Alkali(as 0.1N H2SO4)	2.0 ml max	LE 2.0 ✓✓
Soluble Substances	2.00% max	0.56 ✓✓
Substances Insoluble in HAC	0.100% max	0.026 ✓✓
Chlorides as Cl	1000 ppm max	527 ✓✓
Sulphates as SO4	1.00% max	0.08 ✓✓
Arsenic as As	1 ppm max	LE 1 ✓✓
Calcium as Ca	1.10% max	0.05 ✓✓✓✓
Calcium as CaO	1.50% max	0.07 ✓✓
Iron as Fe	500 ppm max	26 ✓✓✓✓
Loss on Ignition	5.0% max	0.4 ✓✓✓✓✓
Lead as Pb	0.5 ppm max	LE 0.5 ✓✓✓
Cadmium as Cd	0.5 ppm max	LE 0.5 ✓✓
Mercury as Hg	0.5 ppm max	LE 0.5 ✓✓
Bulk Density(untapped)	0.25-0.65 g/cc	0.45 ✓✓
Residue on 325 mesh	25.0% max	14.5 ✓✓
Production Date		20-NOV-2021 ✓✓
Expiry Date		19-NOV-2024 ✓✓

Current ICH Q3D tested according to risk management summary (RMS)

Batch No. 303213574

Quantity 1 x 14,000.000 KG

Container TCLU3104157

Legend

GT-Greater than

GE-Greater than or equal to

LT-Less than

LE-Less than or equal to

LABORATORIES & INSPECTION DEPARTMENT -

Form:PER0221/V10

QUALITY LAB COORDINATOR

TATIANA KRUPKIN

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