

QUALITY CERTIFICATE

Product name: MAGNESIUM HYDROXYCARBONATE EXTRA LIGHT
Quality: Ph.Eur.11.0.
Package: 100 g
Formula: $(\text{MgCO}_3)_4 \cdot \text{Mg}(\text{OH})_2 \cdot 5\text{H}_2\text{O}$
Lot No.: GE0258398
Manufacturing date: 03.2023.
Expiry date: 31.07.2028. (DMY)
Anal. No.: 15424H58398

	REQUIRED	MEASURED
Appearance:	white or almost white powder	white powder
Identification test 'B'	identical	identical
Identification test 'C'	identical	identical
Bulk density	max.0,15 g/ml	0,125 g/ml
Assay (MgO)	40,0-45,0 %	42,32 %
Solubility	practically insoluble in water, it dissolves in dilute acids with effervescence	practically insoluble in water, it dissolves in dilute acids with effervescence
Appearance of solution	passes test (max. B4)	passes test <B4
Soluble in water	max.1,0 %	0,30 %
Insoluble in acetic acid	max.0,05 %	0,0000 %
Chloride	max.700 ppm	<700 ppm
Sulfate	max.0,3 %	<0,3 %
Arsene (As)	max.1 ppm	<1 ppm
Cobalt (Co)	max.1 ppm	<1 ppm
Nickel (Ni)	max.50 ppm	<50 ppm
Vanadium (V)	max.5 ppm	<5 ppm
Calcium (Ca)	max.0,75 %	<0,75 %
Heavy metals (Pb)	max.20 ppm	<20 ppm
Iron (Fe)	max.400 ppm	<400 ppm

The Product complies with the requirements of Ph.Eur.11.0.

Kiállítva: Halásztelek, 2023.07.11.


Nagy Balázs

minőségbiztosítási vezető

Molar Chemicals Kft.
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