

CERTIFICATE OF ANALYSIS

Magnesium Oxide, heavy, granular, EP, E530, USP
Best before 28.10.2027
Production date 28.10.2025

Characteristic	Unit	Value	Lower Limit	Upper Limit
Content MgO (ignited basis)	%	100,10	98,00	100,50
Identity	complies			
Appearance of solution	complies			
Free alkali (as 0.1 N H ₂ SO ₄)	ml	2,00	-	2,00
Soluble salts / substances	%	0,65	-	2,00
Acid-Insoluble substances	%	0,020	-	0,100
Chloride	%	0,025	-	0,100
Sulphate (SO ₄)	%	0,09	-	1,00
Calcium (Ca)	%	0,04	-	1,10
Calcium oxide (CaO)	%	0,05	-	1,50
Iron (Fe)	%	0,0035	-	0,0500
Arsenic (As)*	ppm	1,5	-	3,0
Lead (Pb)*	ppm	0,2	-	2,0
Loss on ignition	%	3,80	-	5,00
Bulk density	g/l	940,00	850,00	1050,00
Particle size > 0,600 mm	%	10,00	8,00	20,00
Particle size < 0,600 - > 0,250 mm	%	71,40	60,00	80,00
Particle size < 0,250 - > 0,150 mm	%	14,20	5,00	25,00
Particle size < 0,150 mm	%	4,40	1,00	8,00
* On spot analysis complies				