

CERTIFICATE OF ANALYSIS

Product Name:	PHARMAGNESIA® CC Type 170
Batch Number:	2401-007
Production Date:	11.11.2023
Best Before:	10.11.2027

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Content of the used CaCO ₃ (dried basis)	98.00–100.00%	99.10%
Calcium-Content	≥37.00%	38.10%
Identity	Complies	Complies
Acid insolubles	≤0.20%	0.05%
Fluorides	≤50.0 ppm	13.0 ppm
Sb, Cu, Cr, Zn, Ba (single or together)	≤100 ppm	100 ppm
Loss on drying	≤2.00%	0.40%
Magnesium and alkaline salts	≤1.00%	0.48%
Bulk density	800–1200 g/l	990 g/l
Tapped density	900–1200 g/l	1000.00 g/l
Particle size < 0.850 mm (20 mesh)	≥98.00%	100.00%
Particle size < 0.075 mm (200 mesh)	≤20.00%	3.00%
Particle size < 0.250 mm (60 mesh)	≥40.00%	56.10%

Heavy Metals

Analysis Item	Specification	Result
Heavy metals	≤20 ppm	<20 ppm
Arsenic (As)	≤0.300 ppm	<0.040 ppm
Lead (Pb)	≤0.500 ppm	0.340 ppm
Cadmium (Cd)	≤1.0000 ppm	0.3900 ppm
Mercury content (Hg)	≤0.1000 ppm	<0.0030 ppm

Microbiological Tests

Analysis Item	Specification	Result
Total plate count	≤ 1000 CFU/g	<10 CFU/g
Yeasts and moulds	≤ 25 CFU/g	<10 CFU/g
Coliforms	≤ 10 CFU/g	<10 CFU/g
Salmonella	Not detectable	Complies
Staphylococcus aureus	Not detectable	Complies
E. coli	Absent in 25 g	Complies

Base Bulk