

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	PHARMAGNESIA® CC Type 140
Material	Calcium carbonate, heavy, granules, directly compressible, E170
Batch Number	2411-412
Production Date	2024-09-19
Best Before	2027-09-19
Vendor Batch	626341
Delivery Date	2025-01-20
Order Reference	24202612

Physical & Chemical Data

Analysis Item	Specification	Result
Content of used Calcium carbonate	98.00–100.00%	≥98.00%
Calcium (Ca) in the mixture	≥35.00%	37.10%
Acid insolubles	≤0.20%	0.20%
Loss on drying	≤2.00%	0.30%
Tapped density	900–1200 g/l	1051.00 g/l
Bulk density	750–1000 g/l	893.00 g/l
Grain size > 1.190 mm	≤0.00%	0.00%
Particle size > 0.250 mm	≤75.00%	39.10%
Particle size < 0.075 mm	≤15.00%	6.30%

Heavy Metals

Analysis Item	Specification	Result
Fluoride (F)	≤50.00 ppm	≤50.00 ppm
Sb, Cu, Cr, Zn, Ba (sum)	≤100.00 ppm	≤100.00 ppm
Magnesium + Alkali	≤1.00%	1.00%
Heavy metals	10–20 ppm	≤10 ppm
Arsenic (As)	≤3.00 ppm	≤3 ppm
Lead (Pb)	≤3.00 ppm	0.16 ppm
Cadmium (Cd)	≤1.00 ppm	≤1.00 ppm
Mercury	≤0.10 ppm	≤0.10 ppm

Microbiological

Analysis Item	Specification	Result
Total Plate Count	≤1000 CFU/g	<100 CFU/g
Mould and Yeast	≤100 CFU/g	<10 CFU/g
E. coli (absent)	complies	complies
Coliform bacteria	complies	complies
Salmonellae	complies	complies
Staphylococcus aureus	complies	complies

Note:

The above results are from quality control. They do not exempt the user from testing the product for specific application suitability.

Base Bulk