

BaseBulk

CERTIFICATE OF ANALYSIS

Product name:	Zinc Oxide Premium
Batch No:	D523173
Material No:	01180760
Manufacturing Date:	13.12.2023
Expiration Date:	13.12.2027

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Colour	White	Conforms
Form	Amorphous powder	Conforms
Odour	Odourless	Conforms
Appearance	Free of coarse particles	Conforms
Zinc as Zinc Oxide	> 99.8%	99.8%
Alcalinity (0.1N HCl)	< 0.1 ml	0.3 ml
Loss on Ignition (800°C)	0.1–0.2%	0.1%
Residue on Sieve (45 µm)	≤ 0.020%	0.001%
Specific Surface Area	≥ 4.5 m ² /g	6.0 m ² /g
Bulk Density	≥ 500 kg/m ³	560 kg/m ³

Heavy Metals

Analysis Item	Specification	Result
Lead (Pb)	≤ 20 ppm	4 ppm
Cadmium (Cd)	≤ 10 ppm	2 ppm
Arsenic (As)	≤ 5 ppm	<1 ppm
Iron (Fe)	≤ 10 ppm	<1 ppm