

HIGH GRADE ZINC OXIDE (HG) 99.8%

TECHNICAL DATA SHEET



Chemical Specifications

S.NO.	Parameters	Unit	Product Specifications	
			Min	Max
1	Zinc Oxide	%	99.80	
2	Moisture Content @ 105 Deg °C/2 Hrs	%		0.20
3	Heat Loss @ 110 Deg °C/2 Hrs	%		0.25
4	Lead Oxide as (PbO)	%		0.03
5	Manganese as Mn	%		0.0005
6	Arsenic as As	%		0.0002
7	Cadmium as Cd	%		0.002
8	Copper as Cu	%		0.0005
9	Iron as Fe	%		0.0030
10	Sulphur as S	%		0.001
11	Loss of Ignition	%		0.35
12	Sieve Residue @ 44 Micron	%		0.10
13	Acidity (as H ₂ SO ₄)	%		0.07
14	Acid Insoluble (in HCl)	%		0.001
15	Water Solubility	%		0.2
16	pH		6.8	7.5
17	Surface Area (NSA)	m ² /g	4.0	9.0
18	Bulk Density	gm/ltr	500.00	750.00
19	Appearance	White Amorphous Powder		

Note: This is the general specifications, however, we can offer material as per specific requirements of the customer.

Packing Standards

Package	Weight (kg)	Dimensions (Inches)
1.HDPE Poly bag	25	20" x 35"
2.Jumbo Bag	1000	48" x 36"

Storage

Store in clean and dry area (see MSDS).

Shelf life is 3 Years.

Uses

Chemical or raw material for: Pharmaceuticals, cosmetics, antiseptics, soaps, Ointments, animal feed, chemicals derived from ZnO, paints, pigments, among others.

