

Zinc Powder

Product Specifications	
Description	Dark Grey, Fine, Metallic Powder
Formula	Zn
Molecular Weight	65.38
CAS No.	7440-66-6

Test Parameters	UOM	Fine Grade	Superfine Grade	Extrafine Grade	Ultrafine Grade	Test Method
Metallic Zinc	%w/w Min.	98.00	98.00	98.00	98.00	IS:4611:1991
Total Zinc (as Zn)	%w/w Min.	99.50	99.50	99.50	99.50	QCL. FP. W. 01 (III)/IP 2018
Lead (Pb)	Ppm Max.	100	100	100	100	ICP/QCL. FP. W. 01 (IV) ISO/DIS 3549 E
Iron (Fe)	Ppm Max.	100	100	100	100	ICP/QCL. FP. W. 01 (IV) ISO/DIS 3549 E
Copper (Cu)	Ppm Max.	10	10	10	10	ICP/QCL. FP. W. 01 (IV) ISO/DIS 3549 E
Cadmium (Cd)	Ppm Max.	15	15	15	15	ICP/QCL. FP. W. 01 (IV) ISO/DIS 3549 E
Arsenic (As)	Ppm Max.	5	5	5	5	ICP/QCL. FP. W. 01 (IV) ISO/DIS 3549 E
Acid Insolubles	% by wt.	Nil	Nil	Nil	Nil	IS: 4611: 1991
Specific Gravity	gm/cm ³	7.1	7.1	7.1	7.1	QCL. FP. W. 01 (VII)/IS: 7086 (Part 1)
Sieve Retention 2700 ASTM 400 ASTM	%by wt. Max. % by wt.	4.0	Nil Nil	Nil Nil	Nil Nil	Nil Nil
Average Particle Size d (0.5) on Malvern Instruments	Micron	15 to 19	6 to 9	5 to 6	3 to 5	QCL. FP. W. 01
Particle Shape	Spheroidal Particles					

Packaging	Metal Drums, Pails and Bulk Bags
Storage	Keep away from Moisture. Store in dry and well-ventilated place. Best before six months from the date of manufacture. Contact with air moisture will reduce the shelf life
Major Application	Manufacturer of Zinc Rich Paint Formulation. Refining in Electrolytic process of manufacture on Zn metal. Intermediate in drug manufacturing. Manufacture of Chemical and Industrial grease.

For Eliteus Global Pvt Ltd.



Authorized Signatory

This is to certify that the above-designated material has been tested and did comply with the listed specification (with listed Exceptions) when supplied in the original container. The material is subject to the conditions listed on the ELITEUS invoice. The above is a copy of the information on file. The lot acceptance data are available for examination. This certificate is valid unsigned.

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