



**ZINC OXIDE  
GRADE AZO 66USP  
(FDA Certified)**

**Description & Uses**

Grade AZO 66USP is an extremely high purity bright white zinc oxide produced from zinc metal following Food and Drug Administration's Good Manufacturing Practices. AZO 66USP has been developed to meet the highest standards of chemical purity and physical quality required to meet all the requirements of THE UNITED STATES PHARMACOPOEIA. This grade can be used in pharmaceutical, cosmetic, ointment, can lacquer, and other applications specifying USP quality. It is recommended for industrial and research uses that demand the ultimate in purity and uniformity.

**Typical Technical Values\***

<b>Chemical Analysis (%)</b>	<b>Range</b>	<b>Nominal</b>	<b>Method</b>
ZnO (Zinc Oxide)	≥99.0	99.8	USP
Pb (Lead)	≤.002	.0015	USP
Cd (Cadmium)	≤.0015	.001	USP
Fe (Iron)	<.002	nil	USP
As (Arsenic)	<.0003	nil	USP

**Physical Properties**

Surface Area (m <sup>2</sup> /g)	4.0-6.0	5.0	D4315
Fineness passing 325 mesh (%)	≥99.9	99.98	D4315
Heat Loss/Moisture (%)	<.2	.1	D280
Specific Gravity	N/A	5.6	USZ
Apparent Density (lbs./cu. ft.)	20-40	30	USZ

Standard packaging in 50 pound net weight bags on 48X40 wood pallets. 2,500 pounds net weight.

*\*Trace metals meet United States Pharmacopoeia Regulations.*

*Revised 11-21-02*