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**ZINC PRODUCTS**  
**-ZINC OXIDES-**

**ZINC OXIDE USP-2**

**PRODUCT DESCRIPTION:**

Zinc Oxide USP-2 is produced from the highest quality and purity zinc metal under carefully controlled conditions. It is specially produced to comply with the high purity requirements of the United States Pharmacopeia and the FDA (21 CFR 73.1991). USP-2 provides excellent physical properties, has a bright blue-white color, fine texture and optimum particle size for maximum dispersion.

**USES:**

Zinc Oxide USP-2 is used in applications requiring high purity zinc oxide. Applications that include compliance with FDA, dental, cosmetic and pharmaceutical standards and is prescribed in The National Formulary.

**TYPICAL ANALYSIS:**

**Chemical:**

ZnO (Dry Basis), % .....	99.9
PbO, % .....	0.001
CdO, % .....	0.001
As <sub>2</sub> O <sub>3</sub> , % .....	<0.00003
SO <sub>3</sub> , % .....	0.001
Insoluble in HCL, % .....	<0.01
Loss @ 110°C, % .....	0.04
H <sub>2</sub> O Soluble Salts, % .....	0.02

**Physical:**

Surface Area, m <sup>2</sup> /g .....	3.20
Mean Particle Size, μ .....	0.33
Specific Gravity, g/ml .....	5.61
Apparent Density, lbs/ft <sup>3</sup> .....	40
Passing 325 mesh, % .....	99.99
Oil Absorption, gms/100gms .....	12

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