



## Shay and Company

Supplier of Wholesale Oils, Butters, Waxes, Candle Supplies and Essential Oils

**Zinc Oxide Powder USP, non-nano**

**Lot# 20250514**

**Country of Origin: Peru**

**Manufacture Date: 04/2025**

**Expiration Date: 04/2028**

**Ingredient Name (INCI): Zinc Oxide**

**Composition: 100% Zinc Oxide (non-nano)**

**CAS no: 1314-13-2**

**Packaging: Bags**

**Description: Fine, white, odorless powder; clear from gritty particles.**

**Applications: Skincare, Soap Manufacturing**

**Certificates: Kosher, non-gmo**

**Method of Extraction: Metallic zinc is vaporized and then oxidized in an oxidation chamber**

**Mesh Size: Non-nano, 325 mesh at 0.03%**

**Water and oil soluble**

**Grade: CR4 USP-2**

**Method of Extraction: Metallic zinc is vaporized and then oxidized in an oxidation chamber**

**Plant Part Used: Mineral**

**Vegan: Yes**

**Gluten Free:**

**Allergen: None known**

**Food Grade: Yes**

Specification	Min	Max	Results
Identification A+B (USP)			Conforms
Alkalinity (UPS)			Conforms
Carbonate and Color (USP)			Conforms
Iron and other Heavy Metals (USP)		0.1	0.1
Arsenic (USP)	0	6	<0.00001
Loss of Ignition (USP)	0	1	0.15
Assay (EP*)	99	100.5	99.9
Iron (PRL0019)	0	10	0.0002
Lead (ASTM D4075)	0	0.002	0.0015
Cadmium (ASTM D4075)	0	0.0003	0.0002
Copper (ASTM D4075)	0	10	<0.0001
Retained 325 Mesh (ASTM D4315)	0	0.024	0.024

SHAY AND COMPANY  
10639 SE FULLER RD  
PORTLAND, OR 97222

WWW.SHAYANDCOMPANY.COM  
PH: 503-653-1155  
EMAIL: ORDERS@SHAYANDCOMPANY.COM



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Surface Area (USP)	3	9	4
Mean Particle Size (USP)	0.26	0.77	0.698um
Meets USP Sepc. For Residual Solvent			Conforms

Shelf life is guaranteed for three years from time of manufacture when stored in original, unopened container between 59° F to 86°F and protected from light. Shay and Company diligently sources and provides the highest quality ingredients, but it is the customer's responsibility to ensure the products purchase from Shay and Company meets their expectations. Any additional testing will be the responsibility of the customer.