



Shay and Company

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

Zinc Oxide Powder USP, non-nano

Lot# 20231495

Country of Origin: Peru

Manufacture Date: 07/2022

Expiration Date: 07/2025

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)			Conforms
Lead (USP)			Conforms
Arsenic (USP)	0	6	0.001
Loss of Ignition (USP)	0	1	0.15
Assay (EP*)	99	100.5	100
Iron (PRL0019)	0	10	0.002
Lead (ASTM D4075)	0	20	<0.0001
Cadmium (ASTM D4075)	0	10	<0.0001
Copper (ASTM D4075)	0	10	0.00012

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Retained 325 Mesh (ASTM D4315)	0	0.02	0.003
Surface Area (USP)	3	9	4.8
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.