

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-21 16:47:52
Date of Next Testing: 2026-06-20 16:47:52
Product Name: **Copper zinc iron oxide**
CAS Number: 228402-49-1
Specifications & Purity: nanopowder, <100nm particle size (BET), 98.5% trace metals basis
Lot #: F2314900
SKU #: **C477820**
Analysis: **231012**

Parameter	Limit Values	Result
Particle size	<100 (nm)	80.00 nm
Purity(Based On Trace Metals Analysis)	98.5-100 (%)	99.88 %
Trace Metal Analysis	0-25000 (ppm)	1206.00 ppm
Appearance(C477820)	Brown Powder	brown powder
ICP: Confirms Copper and Zinc and Iron Component	Confirmed	Confirmed



John Su
QA & QC Manager