

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-13 15:16:27

Date of Next Testing: 2026-06-12 15:16:27

Product Name: **New Coccine**

CAS Number: 2611-82-7

Specifications & Purity: 85%

Lot #: F2210622

SKU #: **B113325****Analysis: 082649**

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.2 (%)	0.12 %
Loss on drying	0-10 (%)	4.50 %
Sodium chlorides & Sulphates	0-8 (%)	3.90 %
Subsidiary dyes	0-3 (%)	1.60 %
Dye Content	85-100 (%)	96.58 %
Appearance (B113325)	Red to Brown to Red-Brown Powder	Red to Brown to Red-Brown Powder
Solubility,(1 mg/ml H ₂ O)	Red to a dull transparent	Red to a dull transparent
Lambda max.:506.0 to 510.0 nm(0.02mol/L AcONH ₄ sol.)	Conforms to structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager