

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-22 09:15:06

Date of Next Testing: 2029-12-21 09:15:06

Product Name: **New Coccine**

CAS Number: 2611-82-7

Specifications & Purity: $\geq 85\%$

Lot #: L2517115

SKU #: **B113325**

Version: **1**

Analysis #: **082649**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.2 (%)	0.12000 %
Loss on drying	0-10 (%)	4.50000 %
Sodium chlorides & Sulphates	0-8 (%)	3.90000 %
Subsidiary dyes	0-3 (%)	1.60000 %
Dye Content	85-100 (%)	96.57900 %
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 (0.02 mol/L AcONH ₄ sol.)	Conforms to structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager