

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-13 11:40:05

Date of Next Testing: 2029-03-12 11:40:05

Product Name: **Amaranth**

CAS Number: 915-67-3

Specifications & Purity: $\geq 85\%$

Lot #: F2116069

SKU #: **A109284**

Version: **2**

Analysis #: **479209**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Loss on drying	0-9.4 (%)	2.60 %
Dye-content(UV-Vis)	85-100 (%)	99.50 %
Nitrogen(anhydrous)	3.9-4.6 (%)	3.90 %
Appearance (A109284)	dark brown to red-brown powder	dark brown to red-brown powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility(10 mg/mL, H2O, Clear)	pass	Pass



John Su
QA & QC Manager