

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-12 16:37:37
 Date of Next Testing: 2028-04-11 16:37:37
 Product Name: **Amaranth**
 CAS Number: 915-67-3
 Specifications & Purity: $\geq 85\%$
 Lot #: G2003172
 SKU #: **A109284**
 Version: **2**
 Analysis #: **341779**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Loss on drying	0-9.4 (%)	3.25000 %
Dye-content(UV-Vis)	85-100 (%)	98.40000 %
Nitrogen(anhydrous)	3.9-4.6 (%)	4.23000 %
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