

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-04 09:45:38
 Date of Next Testing: 2028-11-03 09:45:38
 Product Name: **Carminic Acid**
 CAS Number: 1260-17-9
 Specifications & Purity: ≥80%, Natural dye
 Lot #: J2520018
 SKU #: **C302310**
 Version: **1**
 Analysis #: **488689**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(NMR)	80-100 (%)	84.00000 %
Absorbance(E1%1cm)(0.1mol/L HCl, 490.0 to 496.0 nm)(calcd.on dried substance)	≥120	151.00000
Drying loss	≤10 (%)	3.60000 %
Appearance(C302310)	Orange to Brown to Dark red powder to crystal	Orange to Brown to Dark red powder to crystal



John Su
 QA & QC Manager