

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-28 09:52:31
 Date of Next Testing: 2027-06-28 09:52:31
 Product Name: **Carminic Acid**
 CAS Number: 1260-17-9
 Specifications & Purity: ≥80%, Natural dye
 Lot #: F2425467
 SKU #: **C302310**
 Version: **1**
 Analysis #: **338584**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Absorbance(E1%1cm)(0.1mol/L HCl, 490.0 to 496.0 nm)(calcd.on dried substance)	≥120	160.00000
Drying loss	≤10 (%)	5.10000 %
Purity(NMR)	80-100 (%)	91.88000 %
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