

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-05 09:23:32

Date of Next Testing: 2027-07-05 09:23:32

Product Name: **Carminic Acid**

CAS Number: 1260-17-9

Specifications & Purity: ≥80%, Natural dye

Lot #: F2425466

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