

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-10-25 17:56:23
Date of Next Testing:	2026-10-15 17:56:23
Product Name:	1,8-Dihydroxy-3-methylantraquinone
CAS Number:	481-74-3
Specifications & Purity:	≥97%
Lot #:	J2418473
SKU #	D101144
Version	0
Analysis #:	426902
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
E(287 +/- 3 NM)	≥10000	11000.00
E(225 +/- 3 NM)	≥35000	36000.00
Purity(HPLC)	97-100 (%)	98.88500%
E(256 +/- 3 NM)	≥18000	20000.00
Carbon by Elemental Analysis	68.2-71.3 (%)	70.52%
E(430 +/- 3 NM)	≥10000	12000.00
Melting point	194-198 (°C)	195.00000 °C
Appearance (D101144)	Yellow to Orange Powder and/or Chunks	Yellow to Orange Powder and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Yellow, Gold or Orange, Clear to Hazy, 1%	pass	Pass
UV-Vis spectrometry , C=0.01g/L in ETOH	pass	Pass



John Su
QA & QC Manager