

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-05 09:03:13
 Date of Next Testing: 2027-02-23 09:03:13
 Product Name: **1,8-Dihydroxy-3-methylantraquinone**
 CAS Number: 481-74-3
 Specifications & Purity: Moligand™, ≥97%
 Lot #: B2527382
 SKU #: **D101144**
 Version: **0**
 Analysis #: **482317**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
E(287 +/- 3 NM)	≥10000	11000.00000
E(225 +/- 3 NM)	≥35000	36000.00000
Purity(HPLC)	97-100 (%)	99.21700 %
E(256 +/- 3 NM)	≥18000	19000.00000
Carbon by Elemental Analysis	68.2-71.3 (%)	68.50000 %
E(430 +/- 3 NM)	≥10000	12000.00000
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 CHCL3 , 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