

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-14 10:00:08  
 Date of Next Testing: 2026-03-04 10:00:08  
 Product Name: **1,8-Dihydroxy-3-methylantraquinone**  
 CAS Number: 481-74-3  
 Specifications & Purity: 97%  
 Lot #: C2405369  
 SKU #: **D101144**  
**Analysis:** **331641**  
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
E(287 +/- 3 NM)	≥10000	10002.00
E(225 +/- 3 NM)	≥35000	35050.00
Purity(HPLC)	97-100 (%)	99.38200%
E(256 +/- 3 NM)	≥18000	18002.00
Carbon by Elemental Analysis	68.2-71.3 (%)	70.95%
E(430 +/- 3 NM)	≥10000	10100.00
Melting point	194-198 (°C)	196.73000 °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