

Certificate of Analysis

Date of Testing: 2023-06-29 10:32:27
Date of Next Testing: 2027-06-28 10:32:27
Product Name: **1,5-Dichloroanthraquinone**
CAS Number: 82-46-2
Specifications & Purity: $\geq 96\%$
Lot #: F2317995
SKU #: **D124301**
Analysis: **059243**

Parameter	Limit Values	Result
Purity(O ₂ AgNO ₃ titration with after combustion)	95.5-104.5 (%)	98.50%
Purity(HPLC)	96-100 (%)	99.52600%
Melting point	245-253 (°C)	249.36000 °C
Appearance (D124301)	Faint Yellow to Dark Yellow Powder, Crystals, Chunks	Faint Yellow to Dark Yellow Powder, Crystals, Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot Nitrobenzen	Very faint turbidity	very faint turbidity



John Su
QA & QC Manager