

Certificate of Analysis

Date of Testing: 2023-10-08 15:57:43
Date of Next Testing: 2027-10-07 15:57:43
Product Name: **8-Hydroxyquinoline**
CAS Number: 148-24-3
Specifications & Purity: ACS,99%
Lot #: C1604057
SKU #: **H119327**
Analysis: 282462
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO4)	98.5-101.5 (%)	100.31 %
Melting point	72.5-74 (°C)	73.72000 °C
Insoluble matter	0-0.05 (%)	0.04 %
Ignition Residue	0-0.05 (%)	0.00 %
Sulfate(SO42-)	0-0.02 (%)	0.00 %
Appearance (H119327)	White to Cream to Yellow to Brown Powder, Crystals or Solid	White to Cream to Yellow to Brown Powder, Crystals or Solid
Suitability test(laser dye)	passes	passes
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager