

Certificate of Analysis

Date of Testing: 2025-02-14 15:19:48

Date of Next Testing: 2028-02-14 15:19:48

Product Name: **2,4-Hexadienoic acid**

CAS Number: 110-44-1

Specifications & Purity: FCC, ≥99%

Lot #: B2512066

SKU #: **H431430**

Version: **1**

Analysis #: **251926**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	99.80 %
Water by Karl Fischer	0-0.5 (%)	0.42 %
Residue on ignition(Ash)	0-0.2 (%)	0.00000 %
Arsenic(As)	0-3 (ppm)	0.00000 ppm
Cadmium(Cd)	0-1 (ppm)	0.00 ppm
Mercury(Hg)	0-1 (ppm)	0.00 ppm
Lead(Pb)	0-2 (ppm)	0.00 ppm
Melting point	132-136 (°C)	135.97000 °C
Appearance(H431430)	White to Off-White Powder	White to Off-White Powder
Solubility in EtOH , Colorless to Yellow,Clear to Slightly Hazy,50mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager