

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-10-18 10:49:54
Date of Next Testing:	2027-10-18 10:49:54
Product Name:	2,4-Hexadienoic acid
CAS Number:	110-44-1
Specifications & Purity:	FCC, ≥99%
Lot #:	J2408262
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