

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-31 11:56:03

Date of Next Testing: 2027-01-30 11:56:03

Product Name: **Adipic acid**

CAS Number: 124-04-9

Specifications & Purity: Ultra pure, ≥99.5%(HPLC)

Lot #: A2329142

SKU #: **A108266**

Version: **1**

Analysis #: **172486**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-10 (ppm)	0.00000 ppm
Purity(HPLC)	99.5-100 (%)	99.62000 %
Ignition Residue (900 °C) (as SO42-)	0-0.05 (%)	0.00000 %
(Pb)Lead	0-10 (ppm)	0.35200 ppm
Copper(Cu)	0-10 (ppm)	0.00000 ppm
loss on drying, 110 °C	0-1 (%)	0.18052 %
Chloride (Cl-)	0-50 (ppm)	5.32000 ppm
Sulfate(SO42-)	0-500 (ppm)	13.65000 ppm
(As)Arsenic	0-3 (ppm)	1.26700 ppm
(NO3)Nitrate	0-30 (ppm)	4.52000 ppm
Melting point	151-154 (°C)	153.90000 °C
Appearance (A108266)	White Powder or Crystalline Powder	White Powder or Crystalline Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager