

Certificate of Analysis

Date of Testing: 2024-10-09 15:40:40
Date of Next Testing: 2028-10-08 15:40:40
Product Name: **Adipic acid**
CAS Number: 124-04-9
Specifications & Purity: Ultra pure, ≥99.5% (HPLC)
Lot #: I2429124
SKU #: **A108266**
Version: **1**
Analysis #: **405000**

Parameter	Limit Values	Result
Melting point	151-154 (°C)	153.79000 °C
Iron(Fe)	0-5 (ppm)	0.00 ppm
Zinc(Zn)	0-10 (ppm)	0.00 ppm
Purity(HPLC)	99.5-100 (%)	99.69000 %
Ignition Residue (900 °C) (as SO42-)	0-0.05 (%)	0.00 %
(Pb)Lead	0-10 (ppm)	0.00 ppm
Copper(Cu)	0-10 (ppm)	0.00 ppm
loss on drying, 110 °C	0-1 (%)	0.11 %
Chloride (Cl-)	0-50 (ppm)	0.00 ppm
(As)Arsenic	0-3 (ppm)	0.00 ppm
(NO3)Nitrate	0-30 (ppm)	0.00 ppm
Sulfate(SO42-)	0-500 (ppm)	300.00 ppm
Appearance (A108266)	White Powder or Crystalline Powder	White Powder or Crystalline Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager