

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-01 15:11:49

Date of Next Testing: 2027-02-28 15:11:49

Product Name: **Phthalic acid**

CAS Number: 88-99-3

Specifications & Purity: AR, ≥99.5%

Lot #: B2323571

SKU #: **P104116**

Version: **1**

Analysis #: **118276**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-0.0005 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00020 %
Sulfate(SO42-)	0-0.02 (%)	0.01700 %
Purity(GC)	99.5-100 (%)	99.68500 %
Chloride (Cl-)	0-0.002 (%)	0.00100 %
Ignition Residue (as sulfate)	0-0.02 (%)	0.00130 %
Appearance (P104116)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless to Faint Yellow,Clear to hazy,100mg/ml	pass	Pass



John Su
QA & QC Manager