

Certificate of Analysis

Date of Testing: 2024-01-02 13:36:57
Date of Next Testing: 2028-01-01 13:36:57
Product Name: **Isophthalic acid**
CAS Number: 121-91-5
Specifications & Purity: Analytical Reagent, >99.0%
Lot #: L2320262
SKU #: **I104311**
Analysis: **298720**

Parameter	Limit Values	Result
Sulfate Ash	0-0.0015 (%)	0.00 %
Purity(HPLC)	99-100 (%)	99.95400 %
Purity (Titration by NaOH)	98.5-101.5 (%)	99.89 %
Manganese(Mn)	0-2 (ppm)	0.00 ppm
Cobalt(Co)	0-1 (ppm)	0.00 ppm
m-toluic acid	0-0.015 (%)	0.01 %
3-carboxy benzaldehyde	0-0.002 (%)	0.00 %
Appearance (I104311)	white powder	White powder
Solubility in 1 N NaOH , Colorless to Yellow,Clear,50 mg/mL	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager