

## Certificate of Analysis

Date of Testing: 2023-05-05 11:53:16  
Date of Next Testing: 2027-05-04 11:53:16  
Product Name: **Isophthalic acid**  
CAS Number: 121-91-5  
Specifications & Purity: Analytical Reagent, >99.0%  
Lot #: D2324527  
SKU #: **I104311**  
Analysis: **206560**

Parameter	Limit Values	Result
Sulfate Ash	0-0.0015 (%)	0.00 %
Purity(HPLC)	99-100 (%)	99.91200 %
Purity (Titration by NaOH)	98.5-101.5 (%)	101.14 %
Manganese(Mn)	0-2 (ppm)	0.00 ppm
3-carboxy benzaldehyde	0-0.002 (%)	0.00 %
Cobalt(Co)	0-1 (ppm)	0.00 ppm
m-toluic acid	0-0.015 (%)	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