

## Certificate of Analysis

Date of Testing: 2023-01-16 16:46:21  
 Date of Next Testing: 2027-01-15 16:46:21  
 Product Name: **Isophthalic acid**  
 CAS Number: 121-91-5  
 Specifications & Purity: Analytical Reagent, >99.0%  
 Lot #: A2305571  
 SKU #: **I104311**  
 Analysis: **154214**

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.24300 %
Manganese(Mn)	0-2 (ppm)	0.00 ppm
Cobalt(Co)	0-1 (ppm)	0.00 ppm
m-toluic acid	0-0.015 (%)	0.01 %
Sulfate Ash	0-0.0015 (%)	0.00 %
Purity (Titration by NaOH)	98.5-101.5 (%)	101.13 %
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