

Certificate of Analysis

Date of Testing: 2022-03-21 17:06:14
 Date of Next Testing: 2024-03-10 17:06:14
 Product Name: **p-dimethylaminobenzaldehyde**
 CAS Number: 100-10-7
 Specifications & Purity: Analytical Reagent
 Lot #: C2208094
 SKU #: **D109640**
Analysis: **004323**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98-100 (%)	99.29%
Purity(GC)	98-100 (%)	98.22%
Melting point	72-76 (°C)	74.13000 °C
Ignition Residue(Ash)	0-0.1 (%)	0.00%
Appearance (D109640)	White to Yellow/Blue/Green Powder or Crystal	White to Yellow/Blue/Green Powder or Crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 10% HCl , Clear to slightly hazy,c = 50mg/ml	pass	Pass
Solubility in EtOH , clear to slightly hazy , c = 40mg/ml	pass	Pass



John Su
 QA & QC Manager