

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-05 16:07:41  
 Date of Next Testing: 2024-02-23 16:07:41  
 Product Name: **p-dimethylaminobenzaldehyde**  
 CAS Number: 100-10-7  
 Specifications & Purity: Analytical Reagent  
 Lot #: B2223111  
 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