

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-11 14:08:46  
 Date of Next Testing: 2025-11-30 14:08:46  
 Product Name: **p-dimethylaminobenzaldehyde**  
 CAS Number: 100-10-7  
 Specifications & Purity: reagent grade  
 Lot #: C2226742  
 SKU #: **D109640**  
**Analysis:** **302932**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98-100 (%)	98.18 %
Purity(GC)	98-100 (%)	99.20 %
Melting point	72-76 (°C)	73.58000 °C
Ignition Residue(Ash)	0-0.1 (%)	0.04 %
Appearance (D109640)	White to pale yellow to yellow to Gray blue to Purple blue Powder or flakes	White to pale yellow to yellow to Gray blue to Purple blue Powder or flakes
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