

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-03 11:34:13

Date of Next Testing: 2027-06-23 11:34:13

Product Name: **p-dimethylaminobenzaldehyde**

CAS Number: 100-10-7

Specifications & Purity: AR

Lot #: F2527377

SKU #: **D109640**

Version: **1**

Analysis #: **519874**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.01000 %
Purity(GC)	98-100 (%)	99.03800 %
Melting point	72-76 (°C)	73.90000 °C
Ignition Residue(Ash)	0-0.1 (%)	0.00000 %
Appearance (D109640)	White to pale yellow to yellow to Blue to Green Powder or flakes or Crystal	White to pale yellow to yellow to Blue to Green Powder or flakes or Crystal
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager