

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-19 09:45:35

Date of Next Testing: 2025-09-08 09:45:35

Product Name: **p-dimethylaminobenzaldehyde**

CAS Number: 100-10-7

Specifications & Purity: $\geq 98\%$

Lot #: L2115514

SKU #: **D278973**

Version: **1**

Analysis #: **277763**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	72-76 (°C)	74.37000 °C
Purity(GC)	98-100 (%)	99.32000 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.06000 %
Ignition Residue(Ash)	0-0.1 (%)	0.06974 %
Appearance(D278973)	White to Yellow/Blue/Green Powder or Crystal	White to Yellow/Blue/Green Powder or Crystal
Proton NMR 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