

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-01 18:27:38
 Date of Next Testing: 2025-02-18 18:27:38
 Product Name: **p-dimethylaminobenzaldehyde**
 CAS Number: 100-10-7
 Specifications & Purity: ACS, ≥99%
 Lot #: B2318461
 SKU #: **D109644**
 Version: **1**
 Analysis #: **193216**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Color Test(C=4%, Ethanol)	0-60 (APHA)	60.00000 APHA
Purity(GC)	99-100 (%)	99.08700 %
Melting point	73-75 (°C)	74.37000 °C
Ignition Residue(Ash)	0-0.1 (%)	0.09170 %
Appearance (D109644)	Off White to pale Yellow to grey,pale Beige Powder or crystal	Off White to pale Yellow to grey,pale Beige 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
UV/VIS Identity(Color of HCl Solution)	Pass	Pass



John Su
QA & QC Manager