

## Certificate of Analysis

Date of Testing: 2022-09-28 11:13:28  
Date of Next Testing: 2024-09-17 11:13:28  
Product Name: **p-dimethylaminobenzaldehyde**  
CAS Number: 100-10-7  
Specifications & Purity: Analytical Reagent  
Lot #: I2220331  
SKU #: **D109640**  
Version: **0**  
Analysis #: **096705**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98-100 (%)	98.85 %
Purity(GC)	98-100 (%)	99.61 %
Melting point	72-76 (°C)	72.29000 °C
Ignition Residue(Ash)	0-0.1 (%)	0.02 %
Appearance (D109640)	White to Gray blue to Purple blue Powder or flakes	White 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



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