

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

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|--------------------------|------------------------------------|
| Date of Testing: | 2023-08-02 14:36:39 |
| Date of Next Testing: | 2025-07-22 14:36:39 |
| Product Name: | p-dimethylaminobenzaldehyde |
| CAS Number: | 100-10-7 |
| Specifications & Purity: | Analytical Reagent |
| Lot #: | G2329048 |
| SKU # | D109640 |
| Analysis: | 078124 |
| Storage Temperature: | Argon charged |

| Parameter | Limit Values | Result |
|--|---|---|
| Purity(NonaqueousTitration) | 98-100 (%) | 98.32 % |
| Purity(GC) | 98-100 (%) | 99.40 % |
| Melting point | 72-76 (°C) | 73.11000 °C |
| Ignition Residue(Ash) | 0-0.1 (%) | 0.00 % |
| 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 EtOH , clear to slightly hazy , c = 40mg/ml | pass | Pass |
| Solubility in 10% HCl , Clear to slightly hazy,c = 50mg/ml | pass | Pass |



John Su
QA & QC Manager