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Certificate of Analysis

Product Description: p-Dimethylaminobenzaldehyde, ACS
Catalog Number: 152517
Lot: SR02067**Formula:** C₉H₁₁NO
CAS #: 100-10-7
Physical Description: White to Off-white Powder**Formula Weight:** 149.19
Storage: 15 - 30°C, protect from light, store under nitrogen

Test	Specification	Result
Melting Point	73 - 75°C	73.0 - 73.8°C
Solubility in Alcohol	Passes	Passes
Color (APHA) of Alcohol Solution	≤60	20 APHA
Solubility in Hydrochloric Acid	Passes	Passes
Color of Hydrochloric Acid Solution	Passes	Passes
Residue after Ignition	≤0.1%	0.02%

FTIR: Conforms to Standard

Assay: 99.87% (HPLC)

Recommended Retest Date (MM/DD/YYYY): 12/10/2023

12/12/2019 - John Huang, PhD
MP Biomedicals, LLC.
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