

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-16 14:49:56
Date of Next Testing: 2027-09-06 14:49:56
Product Name: **o-Phthalaldehyde**
CAS Number: 643-79-8
Specifications & Purity: for fluorescence analysis, $\geq 99\%$ (HPLC)
Lot #: L2311193
SKU #: **P108633**
Version: **0**
Analysis #: **571898**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	55-58 (°C)	56.20000 °C
Purity(HPLC)	99-100 (%)	99.80000 %
Phthalic Acid	0-0.5 (%)	0.00 %
Appearance (P108633)	Light Yellow Solid	Light Yellow Solid
HPLC derivatization test	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Light Yellow and Yellow-Green Clear, 50 mg/ml	pass	Pass
Test for fluorogenic detection of amino acids(λ_{ex} 340 nm;	Pass	Pass



John Su
QA & QC Manager