

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-17 15:11:07
 Date of Next Testing: 2025-04-06 15:11:07
 Product Name: **o-Phthalaldehyde**
 CAS Number: 643-79-8
 Specifications & Purity: for fluorescence analysis, ≥99%(HPLC)
 Lot #: G2117305
 SKU #: **P108633**
 Version: **0**
 Analysis #: **212558**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	55-58 (°C)	56.50000 °C
Purity(HPLC)	99-100 (%)	99.15500 %
Phthalic Acid	0-0.5 (%)	0.20000 %
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(λex 340 nm;	Pass	Pass



John Su
QA & QC Manager