

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-02 13:33:58

Date of Next Testing: 2025-07-22 13:33:58

Product Name: **o-Phthalaldehyde**

CAS Number: 643-79-8

Specifications & Purity: for fluorescence analysis, ≥99%(HPLC)

Lot #: K2109666

SKU #: **P108633**

Version: **0**

Analysis #: **258622**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	55-58 (°C)	56.98000 °C
Purity(HPLC)	99-100 (%)	99.61500 %
Phthalic Acid	0-0.5 (%)	0.21000 %
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