

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: >99.0%(HPLC),for fluorescence labeling  
Lot #: K2109665  
SKU #: **P108633**  
**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 (%)	0.21 %
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( $\lambda_{ex}$ 340 nm;	Pass	Pass



John Su  
QA & QC Manager