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ALADDIN SCIENTIFIC CORPORATION
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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:	>99.0%(HPLC),for fluorescence labeling
Lot #:	G2117304
SKU #	**P108633**
Analysis:	**212558**
Storage Temperature:	Store at 2-8°C,Argon charged

Parameter	**Limit Values**	**Result**
Melting point	55-58（℃）	56.50000 ℃
Purity(HPLC)	99-100（%）	99.15500 %
Phthalic Acid	0-0.5（%）	0.20 %
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

John Su
QA & QC Manager