

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-06-11 15:11:14

Date of Next Testing: 2028-06-11 15:11:14

Product Name: **o-Phthalaldehyde**

CAS Number: 643-79-8

Specifications & Purity: for fluorescence analysis, $\geq 99\%$ (HPLC)

Lot #: F2502053

SKU #: **V33921**

Version: **0**

Analysis #: **521435**

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

Parameter	Limit Values	Result
Melting point	55-58 (°C)	56.26000 °C
Purity(HPLC)	99-100 (%)	99.81000 %
Phthalic Acid	0-0.5 (%)	0.00 %
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
Appearance(V33921)	Light Yellow Solid	Light Yellow Solid

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zhu

