

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-06 11:23:29

Date of Next Testing: 2025-01-05 11:23:29

Product Name: **Resorufin ethyl ether**

CAS Number: 5725-91-7

Specifications & Purity: $\geq 95\%$ (UV)

Lot #: F1501130

SKU #: **R131523**

Version: **0**

Analysis #: **175229**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	65.7-70.2 (%)	68.20000 %
Purity(HPLC)	95-100 (%)	96.10000 %
Nitrogen by Elemental Analysis (anhydrous)	5-6.3 (%)	5.50000 %
Melting point	227-231 (°C)	229.40000 °C
Appearance (R131523)	Orange to Red-Orange and Red Powder or Crystals	Orange to Red-Orange and Red Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Orange Clear,10 mg/ml	pass	Pass



John Su
QA & QC Manager