

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-21 15:36:51
 Date of Next Testing: 2026-12-21 15:36:51
 Product Name: **Resorufin ethyl ether**
 CAS Number: 5725-91-7
 Specifications & Purity: $\geq 95\%$ (UV)
 Lot #: L2418688
 SKU #: **R131523**
 Version: **0**
 Analysis #: **377101**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	65.7-70.2 (%)	69.00000 %
Nitrogen by Elemental Analysis (anhydrous)	5-6.3 (%)	5.50000 %
Melting point	227-231 (°C)	228.20000 °C
Purity(HPLC)	95-100 (%)	97.23000 %
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