

Shanghai yuanye Bio-Technology Co., Ltd
465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-10-26 11:35:59
Date of Next Testing: 2028-10-25 11:35:59
Product Name: **Alizarin complexone**
CAS Number: 3952-78-1
Specifications & Purity: High purity grade, 98%
Lot #: J2421165
SKU #: **S52735**
Version: **0**
Analysis #: **425881**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.14700 %
Nitrogen by Elemental Analysis (anhydrous)	3.2-4 (%)	3.49 %
Carbon by Elemental Analysis(anhydrous)	57.7-60.7 (%)	58.01 %
Loss on drying	0-10 (%)	0.66 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NaOH , Blue to Purple,10 mg/mL	Blue to Purple,10 mg/mL	Blue to Purple,10 mg/mL
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Appearance(S52735)	Yellow to Orange to Brown Powder or Crystals	Yellow to Orange to Brown Powder or Crystals

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zhu

