

Certificate of Analysis

Date of Testing: 2024-02-23 15:47:07

Date of Next Testing: 2028-02-22 15:47:07

Product Name: **Tetrazolium Red**

CAS Number: 298-96-4

Specifications & Purity: 98%

Lot #: B2418225

SKU #: **T109275**

Analysis: **323756**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.08400 %
Water by Karl Fischer	0-5 (%)	0.20 %
Absorbance(243.0-247.0 nm)(10 mg/L,water)(As dry base)	≥0.7	0.70000
Appearance (T109275)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness test	pass	Pass
Solubility in H ₂ O , Faint Yellow to Yellow,Very Slightly Hazy,50 mg/mL	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Carbon NMR Spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager