

Certificate of Analysis

Date of Testing: 2023-07-21 18:30:14

Date of Next Testing: 2027-07-20 18:30:14

Product Name: **Tetrazolium Red**

CAS Number: 298-96-4

Specifications & Purity: 98%

Lot #: G2317143

SKU #: **T109275**

Analysis: **242992**

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 (%)	3.71 %
Absorbance(243.0-247.0 nm)(10 mg/L,water)(As dry base)	≥0.7	0.82200
Appearance (T109275)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Faint Yellow to Yellow,Very Slightly Hazy,50 mg/mL	pass	Pass
Carbon NMR Spectrum	Conforms to structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness test	pass	Pass



John Su
QA & QC Manager