

Certificate of Analysis

Date of Testing: 2023-07-11 13:19:08

Date of Next Testing: 2027-07-10 13:19:08

Product Name: **Tetrazolium Red**

CAS Number: 298-96-4

Specifications & Purity: 98%

Lot #: G23041095

SKU #: **T109275**

Analysis: **234274**

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

Parameter	Limit Values	Result
Absorbance (243.0 - 247.0 nm) (10 mg/L,)(As dry base)	≥0.7	0.79
Purity(HPLC)	98-100 (%)	98.39600 %
Water by Karl Fischer	0-5 (%)	2.71 %
Appearance (T109275)	White to Yellow Powder	White to Yellow Powder
Sensitiveness test	pass	Pass
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager