

Certificate of Analysis

Date of Testing: 2025-01-03 09:30:49

Date of Next Testing: 2029-01-02 09:30:49

Product Name: **Tetrazolium Red**

CAS Number: 298-96-4

Specifications & Purity: $\geq 98\%$

Lot #: L2424579

SKU #: **T109275**

Version: **3**

Analysis #: **343577**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.07000 %
Water by Karl Fischer	0-5 (%)	2.00 %
Absorbance(243.0-247.0 nm)(10 mg/L,water)(As dry base)	≥ 0.7	0.80000
Appearance (T109275)	White to Yellow Powder	White to Yellow to Orange to Green powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
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
Carbon NMR Spectrum	Conforms to structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager