



CERTIFICATE OF ANALYSIS

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1. Identification

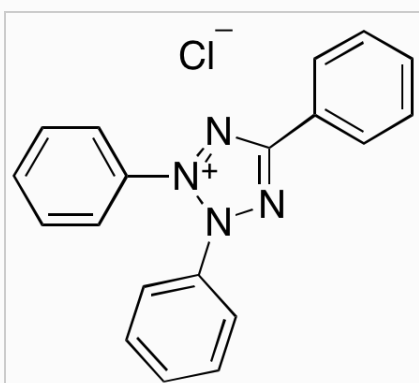
Catalogue Number: T809100

CAS Number: 298-96-4

Product: 2,3,5-Triphenyl-2H-tetrazolium Chloride

Synonym: 1,3,5-Triphenyl-2H-tetrazolium Chloride; 1,3,5-Triphenyltetrazolium Chloride; 2,3,5-Triphenyltetrazolium Chloride; PTB; RT; Red Tetrazolium; TPTZ; TT; TTC; TTC (dye); Tetrazolium Chloride; Tetrazolium Red; Triphenyltetrazolium Chloride; Urocheck; Uroscreen; Vitastain

Structure:



Molecular Formula:

C₁₉H₁₅N₄ & middot; Cl

Molecular weight:

334.8

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

Lot Number: 2023-CPO-103

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	White to Off-White Solid
Elemental Analysis	Conforms	%C: 67.43, %H: 4.45, %N: 16.03
HPLC Purity	Report Result	99.70% (245 nm)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Chloride Content	Report Result	10.7%

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	5/8/2023	5/6/2027