



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

<b>Catalogue Number</b>	BIO-978
<b>Lot Number</b>	001971-2019
<b>Product</b>	<b>2,3,5-Triphenyl-2H-tetrazolium chloride</b> Tetrazolium red
<b>CAS Number</b>	298-96-4
<b>Molecular Formula</b>	$C_{19}H_{15}N_4Cl$
<b>Molecular Weight</b>	334.81

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<b>Appearance</b>	Light yellow crystalline powder
<b>Solubility</b>	Clear solution (0.1 g in 10 mL Ethanol) Clear solution (10 mg in 10 mL Water)
<b>Melting Point</b>	240 °C
<b>Loss on Drying</b>	0.8%
<b>Residue On Ignition</b>	< 0.02%
<b>Assay by titration</b>	98.1%
<b>Purity by HPLC</b>	99.29%
<b>Storage</b>	Store at 0 - 8 °C

Prepared by:

*Ramesh Mandadi*

Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:

*Sujata Moton*

Sujata Moton  
VP