

CERTIFICATE OF ANALYSIS

Product:	2, 3, 5-Triphenyl-2H-Tetrazolium Chloride
Catalog Number:	298-96-4
Chemical Formula:	C₁₉H₁₅ClN₄
Formula Weight:	334.81
Lot No.:	210313
Expiry Date:	03/2026
Storage:	Cool temperature, dry, tightly closed lined container.

TESTS	SPECIFICATIONS	Result
Description	White to off-white to pale yellow with a tan cast, powder	White to Off-White powder
Identification(FTIR)	To pass Test	Passes Test
Loss on drying@105°C	3.0 % maximum	0.8%
Assay(by Titration)	>95%	99.15%
Melting point	235 °C – 245 °C	238°C
Residue on ignition	0.2 % maximum	0..02%
Sulfated Ash	1 %	0.8%
Solubility(50mg/10ml of water)	Clear and complete	Clear and complete

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Quality Inspector