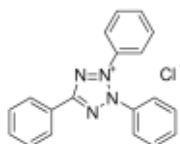


## Certificate of Analysis

Product Name:

2,3,5-Triphenyltetrazolium chloride -  $\geq 98.0\%$  (HPLC)

Product Number: T8877  
Batch Number: BCCN1039  
Brand: SIGMA  
CAS Number: 298-96-4  
Formula: C<sub>19</sub>H<sub>15</sub>N<sub>4</sub>.Cl  
Formula Weight: 334,80 g/mol  
Storage Temperature: Store at 2 - 8 °C  
Quality Release Date: 03 APR 2025  
Recommended Retest Date: FEB 2031



Test	Specification	Result
Appearance (Color)	White to Yellow	White
Appearance (Form)	Powder	Powder
Purity (HPLC)	$\geq 98.0\%$	99.8 %
Solubility (Color)	Faint Yellow to Yellow	Very Light Yellow
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
50 mg/ml in Water		
Carbon Content		67.55 %
68.16 % (Theory)		
Nitrogen Content		16.55 %
16.74 % (Theory)		
Infrared Spectrum	Conforms to Structure	Conforms

Dr. Reinhold Schwenninger  
Quality Assurance  
Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

