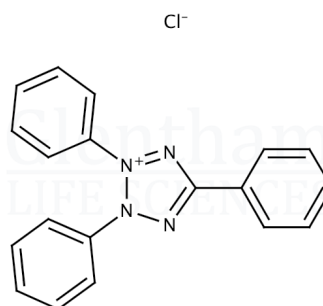


## Product Specification

Product Name	2,3,5-Triphenyltetrazolium chloride, 99%, for analysis
Glentham Code	GE2454
CAS Number	298-96-4
EINECS	206-071-6
MDL Number	MFCD00011963
Molecular Weight	334.81
Molecular Formula	$C_{19}H_{15}ClN_4$
Storage Temp.	+4°C



Property	Specification
Physical Description	White to faint yellow powder
Identification (IR)	To conform to standard
Solubility (5% in water)	Clear to very faintly turbid, faint yellow to yellow solution
Solubility (5% in ethanol)	Clear, faint yellow to yellow solution
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	243 - 251 nm (0.001% in water)
Specific Absorption ( $\lambda_{max}$ )	$\geq 670$ (1% in water)
Sulphated Ash	$\leq 0.2\%$
Loss on Drying	$\leq 2.0\%$ (120°C, 3h)
Purity (Titration)	99.0 - 101.0 %

Specification Version	-	v1.0
Date Created	-	2022-11-29

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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