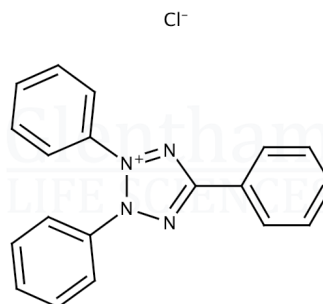


Certificate of Analysis

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
Batch Number	501MXR
Molecular Weight	334.81
Molecular Formula	$C_{19}H_{15}ClN_4$
Storage Temp.	+4°C



Property	Specification	Batch 501MXR
Physical Description	White to faint yellow powder	Faint yellow powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in water)	Clear to very faintly turbid, faint yellow to yellow solution	Clear, faint-yellow solution
Solubility (5% in ethanol)	Clear, faint yellow to yellow solution	Clear, faint yellow solution
Wavelength of Maximum Absorption (λ_{max})	243 - 251 nm (0.001% in water)	247nm
Specific Absorption (λ_{max})	≥ 670 (1% in water)	840.3
Sulphated Ash	$\leq 0.2\%$	$\leq 0.1\%$
Loss on Drying	$\leq 2.0\%$ (120°C, 3h)	1.29%
Purity (Titration)	99.0 - 101.0 %	99.8%

Specification Version	v1.0
Manufacture Date	2023-06-10
Re-Test Date	2026-08-20

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 or contact us using the details above for the current version of this document.

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