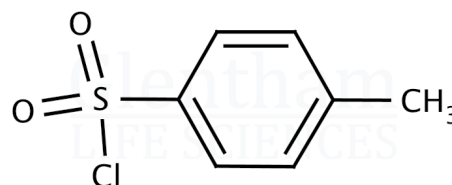


Certificate of Analysis

Product Name	p-Toluenesulfonyl chloride
Glentham Code	GK4222
CAS Number	98-59-9
EINECS	202-684-8
MDL Number	MFCD00007450
PubChem SID	310279377
Batch Number	291LTC
Molecular Weight	190.65
Molecular Formula	C ₇ H ₇ ClO ₂ S
Storage Temp.	+20°C



Property	Specification	Batch 291LTC
Physical Description	White to off-white powder to crystalline powder	White crystalline powder
Melting Point	67.0 - 71.0 °C	68.2°C
Purity (GC)	≥ 98.0%	99.9%

Specification Version	v1.1
Manufacture Date	2022-09-16
Re-Test Date	2031-09-16

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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