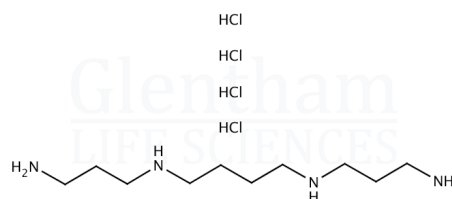


Certificate of Analysis

Product Name Spermine tetrahydrochloride
Glentham Code GL9744
CAS Number 306-67-2
EINECS 206-189-8
MDL Number MFCD00012914
PubChem SID 310280225
Batch Number 130PXF

Molecular Weight 348.19
Molecular Formula $C_{10}H_{26}N_4 \cdot 4HCl$
Storage Temp. +20°C



Property	Specification	Batch 130PXF
Physical Description	White to off-white crystalline powder	White crystalline powder
Water (KF)	≤ 1.0%	0.2%
Assay	≥ 98.0%	99.0%

Specification Version v1.1
Manufacture Date 2023-03-03
Re-Test Date 2030-02-22

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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