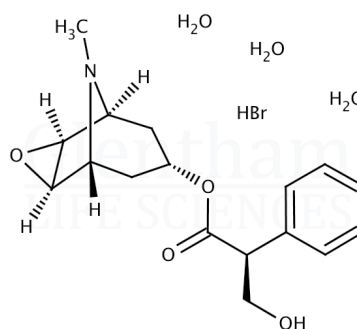


## Certificate of Analysis

Product Name	(-)-Scopolamine hydrobromide trihydrate
Glentham Code	GL8537
CAS Number	6533-68-2
MDL Number	MFCD00150066
PubChem SID	310279925
Additional CAS	114-49-8
Batch Number	519HNE
Molecular Weight	438.31
Molecular Formula	$C_{17}H_{21}NO_4 \cdot HBr \cdot 3H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 519HNE
Physical Description	White or almost white powder	Conforms
Solubility (5% in water)	Clear to very faintly turbid, colourless solution	Conforms
Specific Optical Rotation	-27.0 - -24.0 ° (c=5, water)	-25.6°
Water	≤ 13.0%	11.1%
Assay (HPLC)	≥ 98.0%	≥ 99.5%

Specification Version	v1.0
Manufacture Date	2018-04-26
Re-Test Date	2028-07-02

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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