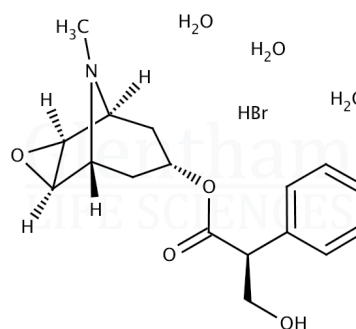


Certificate of Analysis

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

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