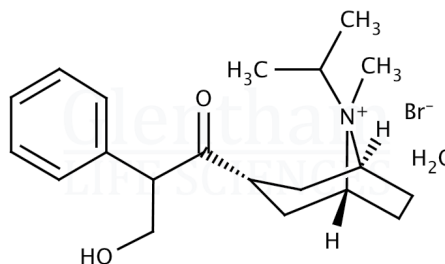


Certificate of Analysis

Product Name	Ipratropium bromide monohydrate
Glentham Code	GL5159
CAS Number	66985-17-9
EINECS	244-873-8
MDL Number	MFCD00792907
PubChem SID	310275352
Batch Number	178FOI
Molecular Weight	430.38
Molecular Formula	$C_{20}H_{30}BrNO_3 \cdot H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 178FOI
Physical Description	White crystalline powder	Conforms
Assay	≥ 99.0%	99.9%
Water	3.9 - 4.4 %	4.3%
Sulphated Ash	≤ 0.1%	0.05%

Specification Version	v1.0
Manufacture Date	2013-11-15
Re-Test Date	2026-02-28

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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