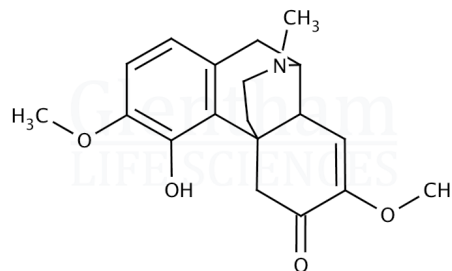


## Certificate of Analysis

Product Name	Sinomenine hydrochloride
Glentham Code	GP8868
CAS Number	6080-33-7
MDL Number	MFCD01714307
Additional CAS	115-53-7
Batch Number	472ORV
Molecular Weight	365.85 (anhydrous)
Molecular Formula	$C_{19}H_{23}NO_4 \cdot HCl \cdot xH_2O$
Storage Temp.	+4°C



Property	Specification	Batch 472ORV
Physical Description	White to off-white or beige crystalline powder	Off-white crystalline powder
Loss on Drying	≤ 9.8%	9.0%
Residue on Ignition	≤ 0.3%	0.11%
Assay	≥ 98.0%	99.0%

Specification Version	v1.0
Manufacture Date	2015-01-10
Re-Test Date	2024-01-23

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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