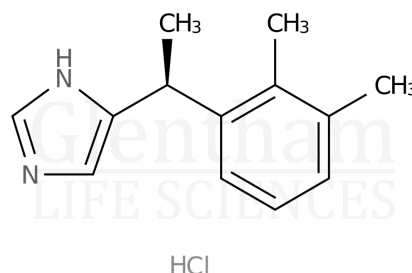


Certificate of Analysis

Product Name	Dexmedetomidine hydrochloride, USP grade
Glentham Code	GX7871
CAS Number	145108-58-3
MDL Number	MFCD12912677
Additional CAS	113775-47-6
Batch Number	295AAO

Molecular Weight	236.74
Molecular Formula	$C_{13}H_{16}N_2 \cdot HCl$
Storage Temp.	+4°C



Property	Specification	Batch 295AAO
Physical Description	White to off-white powder	White powder
Identification (IR)	To conform to standard	Conforms
Residue on Ignition	≤ 0.1%	Conforms
Any Individual Impurity (HPLC)	≤ 0.1%	Conforms
Total Impurities (HPLC)	≤ 0.5%	Conforms
Enantiomeric Purity	≤ 1.0% (of Levomedetomidine HCl)	Conforms
Loss on Drying	≤ 1.0% (105, 3h)	0.5%
Assay (Titration)	98.0 - 102.0 % (dried basis)	100.2%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2024-08-10
Re-Test Date	2031-09-09

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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