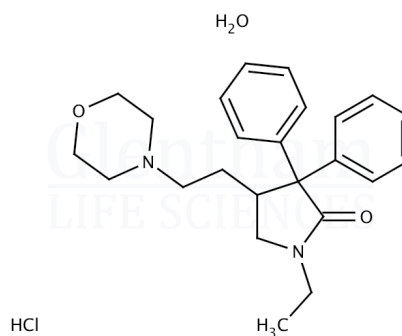


## Certificate of Analysis

Product Name	Doxapram hydrochloride
Glentham Code	GP6685
CAS Number	7081-53-0
PubChem SID	310272416
Additional CAS	113-07-5
Batch Number	672CRH

Molecular Weight	432.98
Molecular Formula	$C_{24}H_{33}ClN_2O_3$
Storage Temp.	+20°C



Property	Specification	Batch 672CRH
Physical Description	White or almost white crystalline powder	White crystalline powder
Identification (IR)	To conform to structure	Conforms
Solubility (2% in water)	Clear, colourless solution	Conforms
pH	3.5 - 5.0	4.1
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-0.2 - +0.2 ° (c=5, water)	0.0°
Loss on Drying	≤ 5.0%	3.88%
Residue on Ignition	≤ 0.1%	0.00%
Assay (Titration)	≥ 98.0%	100.1%

Specification Version	v1.0
Manufacture Date	2021-01-19
Re-Test Date	2029-11-02

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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