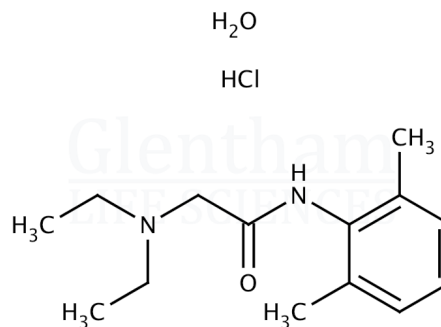


Product Specification

Product Name	Lidocaine hydrochloride monohydrate, EP grade
Glentham Code	GP3932
CAS Number	6108-05-0
EINECS	200-803-8
MDL Number	MFCD00150329
Additional CAS	73-78-9
PubChem SID	310275797
Molecular Weight	288.82
Molecular Formula	$C_{14}H_{22}N_2O \cdot HCl \cdot H_2O$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder, very soluble in water, freely soluble in ethanol
Identification	Melting Point: 74 - 79 °C
	IR
	Reaction of alcoholic potassium hydroxide solution
	Reaction of chlorides
Appearance of Solution	5% solution: Clear and colourless
pH	4.0 - 5.5
Related Substances	Impurity A: ≤ 0.01%
	Each Unspecified Impurity: ≤ 0.10%
	Total Impurities: ≤ 0.5%
Heavy Metals	≤ 5ppm
Sulphated Ash	≤ 0.1%
Water (KF)	5.5 - 7.0 %
Residual Solvents	Acetone: ≤ 5000ppm, Toluene: ≤ 890ppm
Assay	99.0 - 101.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	EP

Specification Version	- v1.0
Date Created	- 2014-06-22

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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