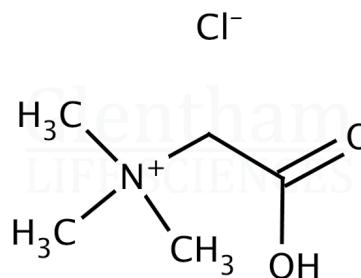


Product Specification

Product Name	Betaine hydrochloride
Glentham Code	GE3671
CAS Number	590-46-5
EINECS	209-683-1
MDL-Nummer	MFCD00011903
PubChem SID	310267782
Molecular Weight	153.61
Molecular Formula	$C_5H_{11}NO_2 \cdot HCl$
Storage Temp.	+20°C



Property	Specification
Physical Description	White powder or crystals
Assay	≥ 98.0% (dried basis)
Loss on Drying	≤ 0.5%
pH	0.8 - 1.2
Heavy Metals	≤ 10ppm
Residue on Ignition	≤ 0.1%
Lead (Pb)	≤ 3ppm
Arsenic (As)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Cadmium (Cd)	≤ 1ppm
Pharmacopoeia Specification(s)	USP

Specification Version	- v1.0
Date Created	- 2014-05-15

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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