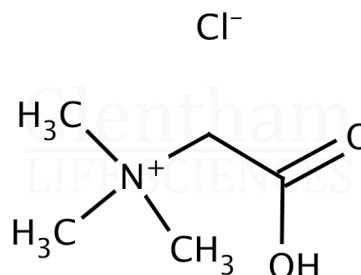


## Product Specification

Product Name	Betaine hydrochloride
Glentham Code	GE3671
CAS Number	590-46-5
EINECS	209-683-1
MDL Number	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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