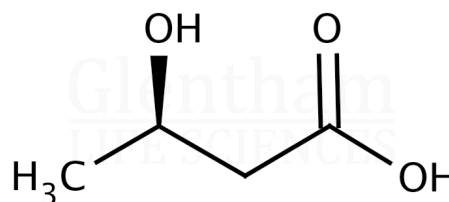


## Certificate of Analysis

Product Name	(R)-3-Hydroxybutyric acid
Glentham Code	GK7020
CAS Number	625-72-9
EINECS	210-909-6
MDL Number	MFCD00066257
Bellstein Registry Number	1720568
PubChem SID	310274786
Batch Number	870XYG

Molecular Weight	104.10
Molecular Formula	C <sub>4</sub> H <sub>8</sub> O <sub>3</sub>
Storage Temp.	+4°C



Property	Specification	Batch 870XYG
Physical Description	Colourless or white solid	White solid
Identification (1H-NMR)	To conform to standard	Conforms
Solubility (5% in water)	Clear, colourless solution	Conforms
Specific Optical Rotation ([α] <sub>20</sub> /D)	-24.0 - -26.0 ° (c=6, water)	-24.4°
Purity (Titration)	≥ 98.0%	99.6%

Specification Version	v1.0
Manufacture Date	2019-06-11
Re-Test Date	2030-06-21

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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