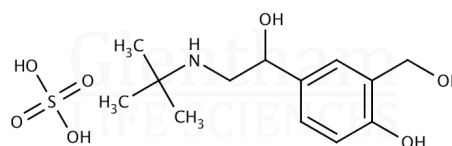


## Product Specification

Product Name	Salbutamol hemisulphate salt, EP grade
Glentham Code	GP2239
CAS Number	51022-70-9
EINECS	256-916-8
MDL Number	MFCD00055200
Additional CAS	18559-94-9
Molecular Weight	288.35
Molecular Formula	$C_{13}H_{21}NO_3 \cdot 1/2(H_2SO_4)$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder
Identification (UV)	$\lambda_{max}$ = 276nm, Specific absorbance: 55.0 - 64.0
Identification (IR)	To conform to standard
Identification (TLC)	To pass test
Identification	To pass tests D, E
Solubility (1% in water)	Clear, colourless solution ( $\leq$ BY6)
Specific Optical Rotation	-0.10 - +0.10 ° (c=1, water)
Acidity or Alkalinity	To pass test
Impurity C	$\leq$ 0.2%
Impurity D	$\leq$ 0.3%
Impurity F	$\leq$ 0.3%
Impurity N	$\leq$ 0.2%
Impurity O	$\leq$ 0.2%
Any Unspecified Impurity	$\leq$ 0.10%
Total Impurities	$\leq$ 0.9%
Boron (B)	$\leq$ 50ppm
Loss on Drying	$\leq$ 0.5% (105°C)
Sulphated Ash	$\leq$ 0.1%
Assay	98.0 - 101.0 % (dried substance)
Pharmacopoeia Specification(s)	EP

Specification Version	-	v1.0
Date Created	-	2017-06-30

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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