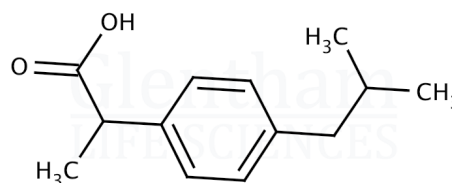


Product Specification

Product Name	Ibuprofen, EP grade
Glentham Code	GP9034
CAS Number	15687-27-1
EINECS	239-784-6
MDL Number	MFCD00010393
Additional CAS	58560-75-1
Molecular Weight	206.29
Molecular Formula	C ₁₃ H ₁₈ O ₂
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Melting Point	75.0 - 78.0 °C
Identification (UV-VIS)	To pass EP tests (B)
Identification (IR)	To conform to standard (C)
Identification (TLC)	To conform to reference (D)
Solubility (10% in methanol)	Clear, colourless solution
Specific Optical Rotation	-0.05 - +0.05 ° (c=2.5, MeOH)
Impurities A, J, N (HPLC)	≤ 0.15% (each)
Any Unspecified Impurity (HPLC)	≤ 0.05%
Total Impurities (HPLC)	≤ 0.20%
Impurity F	≤ 0.10%
Loss on Drying	≤ 0.5%
Sulphated Ash	≤ 0.1%
Assay (Titration)	98.5 - 101.0 % (dried substance)
Pharmacopoeia Specification(s)	EP

Specification Version	- v1.0
Date Created	- 2018-06-15

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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