

Product Datasheet

GP9034 - Ibuprofen, EP grade

Pictograms

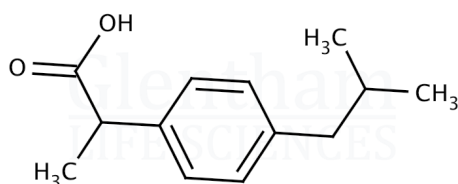


Product Details

Product Name	Ibuprofen, EP grade
Glenthams Code	GP9034
CAS Number	15687-27-1
EINECS	239-784-6
MDL Number	MFCD00010393
Additional CAS	58560-75-1
Related Categories	APIs

Structure

Molecular Weight	: 206.29
Molecular Formula	: C ₁₃ H ₁₈ O ₂



Glenthams Product 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
Version	: v1.0

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Acute Tox. 4
Signal Word	Warning
Hazard Codes	H302
Precautionary Codes	P280, P261, P301+P312

About Ibuprofen, EP grade

No further details on record.

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