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Certificate of Analysis

Product Name Ketoprofen, EP grade Glentham Code GP0008 **CAS Number** 22071-15-4 **EINECS** 244-759-8 MDL Number MFCD00055790 **Batch Number** 462JMC 254.29 Molecular Weight Molecular Formula $C_{16}H_{14}O_3$

+20°C

Storage Temp.

Property	Specification	Batch 462JMC
Physical Description	White to almost white crystalline powder	Almost white crystalline powder
Identification (IR)	To conform to standard	Conforms to standard
Identification	Tests A, B, D according to Ph. Eur	Conforms
Solubility (10% in acetone)	Clear, colourless solution (≤ Y6)	Clear, colourless solution (≤ Y6)
Related Substances	Impurity A: ≤ 0.2%	≤ 0.2%
	Impurity C: ≤ 0.2%	≤ 0.2%
	Impurities B, D, E, F: ≤ 0.2%	0.1%
	Any Unspecified Impurities: ≤ 0.1%	0.03%
	Sum of Impurities other than A and C: ≤ 0.4%	5 0.2%
Loss on Drying	≤ 0.5%	0.3%
Sulphated Ash	≤ 0.1%	0.04%
Assay (Titration)	99.0 - 100.5 % (dried basis)	99.2%
Pharmacopoeia Specification(s)	Ph. Eur	Conforms

Specification Version v1.0

Manufacture Date 2023-07-22

Re-Test Date 2032-09-27

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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