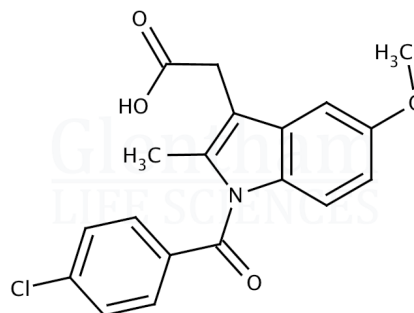


Certificate of Analysis

Product Name	Indomethacin, BP grade
Glentham Code	GP6163
CAS Number	53-86-1
EINECS	200-186-5
MDL Number	MFCD00057095
Batch Number	762JMH
Molecular Weight	357.80
Molecular Formula	$C_{19}H_{16}ClNO_4$
Storage Temp.	+20°C



Property	Specification	Batch 762JMH
Physical Description	White to yellow powder or crystals	White powder
Identification	(Test A) Melting Point: 158.0 - 162.0 °C	161.4
Identification	(Test B) Absorption at 318nm (λ_{max}): 170 - 190	188
Identification (IR)	(Test C) To conform to standard	Conforms
Identification	To pass tests D, E	Conforms
Solubility (1% in methanol)	Clear to faintly turbid, colourless to pale yellow solution (on heating)	Clear, pale-yellow solution
Related Substances (TLC)	$\leq 0.5\%$	Conforms
Heavy Metals	$\leq 20\text{ppm}$	Conforms
Loss on Drying	$\leq 0.5\%$	0.1%
Sulphated Ash	$\leq 0.1\%$	0.02%
Assay (Titration)	98.5 - 100.5 % (dried basis)	99.9%
Pharmacopoeia Specification(s)	BP	Conforms

Specification Version	v1.2
Manufacture Date	2024-08-13
Re-Test Date	2031-09-27

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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