



Specification

Indomethacin USP

Catalog Number:	IN1004
CAS Number:	53-86-1
Synonym(s):	1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-3-indoleacetic acid
Molecular Formula:	C ₁₉ H ₁₆ ClNO ₄
Molecular Weight:	357.79
Storage:	15 - 30°C
Retest Period:	Three years from the date of manufacture

Test	Specification
Appearance	White to light yellow crystalline powder.
Assay	98.0 - 102.0%
Identification A (FTIR)	To match reference spectra
Identification B (Retention Time)	To meet requirements
Particle Size	400mesh
Loss on Drying	≤ 0.04%
Sulphated Ash	≤ 0.10%
Organic Impurities	
Impurity A	≤ 0.09%
Impurity B	≤ 0.10%
Unspecified Impurity	≤ 0.10%
Total Impurity	≤ 0.27%
Microbial Limits	
Total Plate Count	≤ 1000cfu/g
Mold and Yeast	≤ 100cfu/g
<i>E. coli</i>	Negative

Approved:

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