

Item Number	IB100
Item	Ibuprofen, USP
CAS Number	15687-27-1
Molecular Formula	C <sub>13</sub> H <sub>18</sub> O <sub>2</sub>
Molecular Weight	206.28
MDL Number	
Synonyms	Advil ; IBU ; 2-(4-Isobutylphenyl)propionic Acid

Test	Specification	
	Min	Max
ASSAY (ANHYDROUS BASIS)	97.0	103.0 %
WATER DETERMINATION		1.0 %
RESIDUE ON IGNITION		0.5 %
ELEMENTAL IMPURITIES		AS REPORTED
CHROMATOGRAPHIC IMPURITIES		
INDIVIDUAL IMPURITY		0.3 %
TOTAL IMPURITIES		1.0 %
IBUPROFEN RELATED COMPOUND C		0.1 %
IDENTIFICATION A ( FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)		3.0%
IDENTIFICATION (C)	RETENTION TIME CORRESPONDS TO STANDARD	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS		AS REPORTED

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