

Code No.09-0593

SPECIFICATION

Ibuprofen Standard

for High Performance Liquid Chromatography

REQUIREMENT	SPECIFICATION
Appearance	White crystalline powder
Solubility in ethanol	to pass test
Solubility in sodium hydroxide solution	to pass test
Specific rotation $[\alpha]_{D20}(c=1, C_2H_5OH)$	$-1 \sim +1^{\circ}$
Melting point	$75 \sim 77^{\circ}C$
Loss on drying over phosphorus(V) oxide in vacuum	max.0.5%
Assay (HPLC)	min.98.0%
Assay (qNMR)	min.98.0%