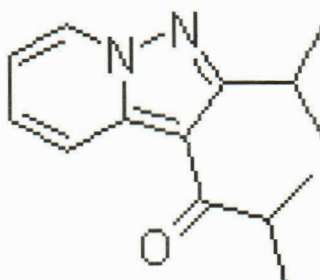


Ibuprofen

Batch no 20260710
Mf date Jul 10 2026
Retest Jul 10 2028

Molecular Structure



Molecular Formula $C_{14}H_{18}N_2O$
Molecular Weight 230.31
CAS Registry Number 50847-11-5

Aug 28 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to almost white crystalline powder	White crystalline powder
Identification	HPLC	Positive
Loss on drying	$\leq 1.0\%$	0.23%
Residue on ignition	$\leq 0.1\%$	Conforms
Heavy metals	≤ 20 ppm	Conforms
Related substances	Total impurities $\leq 1.0\%$	0.36%
Assay (HPLC)	$\geq 99.0\%$	99.4%

Packaging & storage	Keep container tightly closed in a dry & well ventilated place, recommended storage temperature: $2 \sim 8^{\circ}\text{C}$
Conclusion	Material complies with in-house standard

