



CERTIFICATE OF ANALYSIS

IBUPROFEN API POWDER

Grade Standard	USP, BP, EP
Packaging	25Kg Bag
CAS Number	15687-27-1
Grade	Medicine Grade Pharmaceutical Intermediates
Molecular Formula	$C_{13}H_{18}O_2$
Molecular Weight	206.28 g/mol
Melting Point	75-77°C
Solubility	Freely soluble in acetone, chloroform, and ethanol (95%) Practically insoluble in water Soluble in dilute solutions of alkali hydroxides and carbonates
Shelf Life	36 Months to 60 Months
Physical Form	White or almost white crystalline powder
Purity(%)	98%