

PRODUCT: DICLOFENAC SODIUM

ITEMS	SPECIFICATIONS
DESCRIPTION	White or slightly yellowish, slightly hygroscopic crystalline powder.
SOLUBILITY	Sparingly soluble in water, freely soluble in methanol, soluble in ethanol (96%), slightly soluble in acetone.
MELTING POINT	About 280°C with decomposition
IDENTIFICATION	<ul style="list-style-type: none"> a) The Infrared Absorption spectrophotometry b) The solution gives reaction (b) of sodium
APPEARANCE OF SOLUTION	The solution is clear
RELATED SUBSTANCES <ul style="list-style-type: none"> ➤ Impurity A ➤ Impurity B ➤ Impurity C ➤ Impurity D ➤ Impurity E ➤ Total impurities 	<ul style="list-style-type: none"> NMT 0.2% NMT 0.2% NMT 0.2% NMT 0.2% NMT 0.2% NMT 0.5%
HEAVY METALS	NMT 10 ppm
LOSS ON DRYING	NMT 0.5% w/w
ASSAY (on dried basis)	99.00%~101.00% ($C_{14}H_{10}Cl_2NNaO_2$, on dried basis)