



ASTEC

ASTEC LIFESCIENCES LTD.

SPECIFICATION OF IMAZETHAPYR TECHNICAL

PARAMETERS	SPECIFICATIONS
Chemical Name	(RS)-5-ethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl) nicotinic acid
Structural Formula	 <chem>CC1=CC=C(C(=O)O)N=C1C2=NC(C(=O)C(C)C)N(C(C)C)C2=O</chem>
Molecular Formula	C ₁₅ H ₁₉ N ₃ O ₃
Molecular Weight	289.3
Appearance	Slight yellow to brown powder free from extraneous matter.
Purity	97% Min.
Moisture	0.1% Max.
Acidity As H ₂ SO ₄	0.1% Max.