

CERTIFICATE OF ANALYSIS

Product : SECNIDAZOLE USP 31

TESTS	LIMITS	OBSERVATION
DESCRIPTION	Creamy white crystalline powder having slight Characteristics odour	Creamy white crystalline powder having slight characteristic odour
SOLUBILITY	Soluble in Water and in chloroform. Sparingly soluble in diethyl ether	Complies
IDENTIFICATION	A) IR – Conform to standard B) UV – Conform to standard	Complies Complies
MELTING RANGE	Between 68°C and 78°C	75°C
WATER CONTENT (K.F.)	Nor more than 6.0%	5.22%
Ph	Between 5.5 &7.5 determine in a 1% w/v solution in water	6.50
APPEARANCE OF SOLUTION	A 5% w/v solution in 1-M hydrochloric acid should be clear	Complies
HEAVY METALS	Not more than 20 ppm	Complies
RELATED SUBSTANCE	Not more than 1.0%	Complies
SULPHATED ASH	Not more than 0.1%	0.033%
ASSAY	NLT 98% & NMT 102% calculated with reference to the dried substance	99.72%