



CERTIFICATE OF ANALYSIS

CIMETIDINE USP GRADE

TEST	SPECIFICATIONS	TEST RESULTS
Characteristics	White to off-white, crystalline powder; odourless, or having a slight mercaptan odor	Conforms
Identification		
IR absorption	Should conform	Conforms
UV absorption	Should conform	Conforms
Melting range	Between 139°C and 144°C	140.4 ~141.6°C
Loss on drying	Not more than 1.0%	0.10%
Residue on ignition	Not more than 0.2%	0.020%
Heavy metals	Not more than 20ppm	Conforms
Chromatographic purity	Should conform	Conforms
Assay	Between 98.0% and 102.0%	99.88%
Conclusion	Complies with USP	