

PRODUCT: CHLORZOXAZONE

ITEMS	SPECIFICATIONS
DESCRIPTION	White to practically white, practically odorless, crystalline powder
SOLUBILITY	Slightly soluble in water, sparingly soluble in alcohol, in isopropanol and in methanol, soluble in solutions of alkali hydroxides and ammonia.
IDENTIFICATION a) IR b) UV Absorption	IR spectrum of sample should be concordant with that of chlorzoxazone WS UV absorption spectra of the test solution and standard. Solution should exhibit maxima and minima at the same wavelength
MELTING RANGE	189°C~194°C
LOSS ON DRYING (At 100°C~105°C for 2 hrs)	NMT 0.50%
HEAVY METALS	NMT 0.002%
RESIDUE ON IGNITION	NMT 0.15%
CHROMATOGRAPHIC PURITY (TLC) ➤ 2- Amino-4-chlorophenol ➤ P-chlorophenol	NMT 0.50% NMT 0.25%
CHLORINE CONTENT (on dried basis)	20.60% ~ 21.20%
ASSAY (on dried basis)	98.00% ~ 102.00%
RESIDUAL SOLVENTS a) Acetone b) N-butanol	1000 ppm 1000 ppm
PARTICLE SIZE	100% < 100μ