

**PRODUCTO: CLORSULON**

ITEMS	SPECIFICATIONS
<b>DESCRIPTION</b>	White to off white powder
<b>SOLUBILITY</b>	Slightly soluble in water, freely soluble in acetonitrile and in methanol, very slightly soluble in methylene chloride
<b>IDENTIFICATION</b> a) IR  b) HPLC	The IR spectrum is concordant with reference spectrum of clorsulon USP RS  The chromatogram of the assay preparation obtained as directed in the assay exhibits a major peak for clorsulon, the retention time of wich corresponds to that of the standard preparation obtained as directed in the assay
<b>MELTING RANGE</b>	197°C ~ 203°C
<b>LOSS ON DRYING AT 100°C (in vacuum)</b>	NMT 0.5% w/w
<b>RESIDUE ON IGNITION</b>	NMT 0.1% w/w
<b>HEAVY METALS</b>	NMT 0.003%
<b>CHROMATOGRAPHIC PURITY (BY TLC)</b>  ➤ Individual impurity ➤ Total impurities	NMT 0.5% NMT 2.0%
<b>ASSAY (BY HPLC)</b> $C_8H_8Cl_3N_3O_4S_2$	98.0% ~101.0% (on dried basis)
<b>RESIDUAL SOLVENTS =&gt; Methanol</b>	NMT 3000 ppm