



# CERTIFICADO DE ANÁLISIS (COA)

**Producto:** Clorsulon USP  
**CAS N°:** 60200-06-8




## CERTIFICATE OF ANALYSIS

PRODUCT	: CLORSULON USP		
Batch No.	: CLX/K/064/21	A.R. No	: LR/634BF/2021
Mfg. Date	: OCT-2021	Exp. Date	: SEP-2026
Batch Size	: 300.5 KG	Date of sampling	: 01/11/2021
Quantity sampled	: 490.0 GM	Date of Analysis	: 01/11/2021
Storage condition: Kept in well-closed light resistant containers and stored at a temperature not exceeding 30 °C.	Date of Release	: 02/11/2021	
	CAS No.	: 60200-06-8	

SR. No.	TEST	SPECIFICATION	RESULT
1	Description	White to off white powder.	White powder.
2	Solubility	Slightly soluble in water, freely soluble in acetonitrile and in methanol, very slightly soluble in methylene chloride.	Slightly soluble in water, freely soluble in acetonitrile and in methanol, very slightly soluble in methylene chloride.
3	Identification	A) The IR spectrum is concordant with reference spectrum of clorsulon USP RS	The IR spectrum of Clorsulon is concordant with reference spectrum of clorsulon USP RS
		B) The chromatogram of the Assay preparation obtained as directed in the Assay exhibits a major peak for clorsulon, the retention time of which corresponds to that of the Standard preparation obtained as directed in the assay.	The retention time of test chromatogram for Clorsulon is corresponding with the standard chromatogram in Assay.
4	Melting Range	Between 197°C to 203°C	198 °C to 200 °C
5	Loss on Drying	Not more than 0.5 % w/w	0.25 % w/w
6	Residue on Ignition	Not more than 0.1 % w/w	0.05 % w/w
7	Heavy Metals	Not more than 0.003 %	Less than 0.003 %
8	Chromatographic purity (By TLC )	Single impurity :Not more than 0.5 % Total impurity :Not more than 2.0 %	Not detected Not detected
9	Assay (By HPLC )	98.0 % to 101.0 % On dried basis	99.82 % on dried basis.
*10	Residual solvent test	Methanol: Not more than 3000 ppm.	Methanol is 177 ppm.

\*Additional Test

**Remarks:** The sample complies as per USP 36 & STP/BDF/002.

Analysed By QC Officer	Checked By AGM-Quality Control	Approved By Asst. Manager QA
 SHATRUGHAN PANASKAR	 SATISH DESAI	 TUSHAR KHETALE

**El presente documento es copia fiel del original.**