



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Clorsulon

CAS: 60200-06-8

Batch Number: *FTF0241217* Batch Quantity: 180kg

Manufacture Date: Dec.15th,2024 Analysis Date: Dec.16th,2024 Certificate Date: Dec.17th,2024

Storage Store in cool & dry place. Store in well-closed containers.

Shelf life 3 years when properly stored.

TEMS	SPECIFICATION	RESULTS
Description	White to off white powder	White powder
Solubility	Slightly soluble in water, freely soluble in acetonitrile and in methanol, very slightly soluble in methylene chloride	Complies
Identification	A)The IR spectrum 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	Complies Complies
Melting Range	Between 197°C to 203°C	198°C to

		200°C
Loss on Drying	Not more than 0.5%w/w	0.21%w/w
Residue on Ignition	Not more than 0.1%w/w	0.06%w/w
Organic impurities (By TLC)	<p>Analysis 1:The chromatogram shows principal spot at the same Re value</p> <p>Analysis 2:Any individual impurities:(NMT 0.5%);no spot other than the principal spot of the Sample solution is larger or more intense than that of the principal spot of the 5-uL portion of Standard solution B</p> <p>Total impurities:Not more than 2.0%</p>	<p>Complies</p> <p>Not detected</p> <p>Not detected</p>
Residual solvent test	Methanol:Not more than 3000 ppm	22 ppm
Assay(By HPLC)	98.0%to 101.0%On dried basis	99.13%

Conclusion: Conform with enterprise specification .
QC MANAGER: 刘娟 **INSPECTOR:** 黄子烨

