



CERTIFICADO DE ANÁLISIS (COA)

Producto: Florfenicol

CAS N°: 73231-34-2

CERTIFICATE OF ANALYSIS

Product Name:	Florfenicol	Batch No.	FB202110092
Packaging	25kg/drum	Quantity	1075kgs
Packing Date	OCT.27,2021	Reporting Date	OCT.27,2021
MFG. Date	OCT. 26,2021	Exp. Date	OCT.25,2023
Standard.	CVP 2020		

Test Items	Specification	Test Results
Description	White or almost white crystalline powder	Almost white crystalline powder
Solubility	very soluble in N,N-Dimethylformamide, soluble in methanol, sparingly soluble in glacial acetic acid, very slightly soluble in chloroform, Practically insoluble in water	Complies
Melting Point	152.0°C ~ 156.0°C	155.5°C
Optical rotation	-16° ~ -19°	-17°
Identification	(1)The retention times of the major peak of the sample solution should correspond to that of the standard solution as obtained in the assay.	Complies
	(2).The Infrared absorption spectrum obtained from the test sample is consistent with that from reference standard.	Complies
PH	4.5 ~ 6.5	6.1
Chloride	≤ 0.02%	< 0.02%
Fluorine	≥ 4.8%	4.9%
Related substances	1)Peak area of single impurity peak should be NMT the reference solution's main peak 0.5 times (0.5%)	0.2%
	2)Peak area of total impurities should be NMT the peak area of reference solution 2 times (2.0%).	0.4%
Water	≤ 0.5%	0.07%
Residue on Ignition	≤ 0.1%	0.03%
Heavy Metals	≤ 20ppm	< 20ppm.
ASSAY	≥ 98.0% <chem>C12H14CL2FNO4S</chem> (calculated on the anhydrous basis)	99.2%
Conclusion: The results comply with CVP 2020.		
Remarks:		



STORAGE CONDITION: PRESERVED IN AN AIRTIGHT CONTAINER AND AVOID EXPOSURE TO HIGH TEMPERATURE

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