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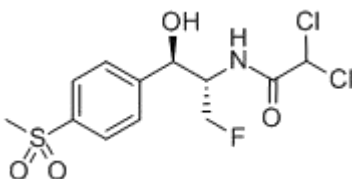
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Technical Data Sheet

Florfenicol

Product Information

Chemical Name	Florfenicol
CAS #	73231-34-2
Formula	C ₁₂ H ₁₄ Cl ₂ FNO ₄ S
Molecular Weight	358.21
Synonyms	Fluprofen



Chemical Structure

Description

Appearance: white or white crystalline powder, content: (dry matter calculation) 98% min moisture; 0.5% max residue; 0.1% max heavy metals; 20ppm max acidity; 4.5-6.5 chloride; 0.02% max fluorine; 4.8% max related substances; 2% max impurities spotted the sum;

Specification

Items	Specifications	Results
Appearance	White to yellowish white, crystalline powder	Complies
Identification	Complies	Complies
Melting point	152°C~156°C	153°C
Specific optical rotation	-16°~-19°	-14°
PH	4.5~6.5	6.3

Chloride	≤0.02%	<0.02%
Fluorine assay	≥4.8%	4.9%
Total impurities	≤2%	0.85%
Individual impurities	≤0.5%	0.35%
Water	≤0.5%	0.2%
Sulphated	≤0.1%	0.03%
Heavy metals	≤20ppm	<20ppm
Assay	≥98%	98.4%

Applications

Antimicrobial agents. Bacterial diseases of pigs, chickens and fish caused by sensitive bacteria, especially the respiratory system infection and intestinal infection.

Packaging

25kgs /fiber drum

Storage

Conditions for safe storage, including any incompatibilities Store in cool place.
Keep container tightly closed in a dry and well-ventilated place.

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