



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-205696  
Lot Number: SAMPLE  
Product Name: Florfenicol  
CAS Number: 73231-34-2  
Molecular Formula:  $C_{12}H_{14}Cl_2FNO_4S$   
Molecular Weight: 358.21

Test	Specification	Result
Appearance	White Crystal Powder	Complies
Assay (UPLC)	$\geq 98.0\%$	99.5%
Identification	As Stipulated	Complies
Melting Point	152 - 156°C	154.0 - 154.5 °C
pH	4.5 - 6.5	6.2
Residue after Ignition	$\leq 0.1\%$	0.05%
Specific Rotation	-16° ~ -19°	-17.5°
Heavy Metals	$\leq 20$ ppm	< 20 ppm
Loss on Drying	$\leq 0.5\%$	0.25%
Total Impurities	$\leq 1.5\%$	0.85
Chloride	$\leq 0.02\%$	< 0.02%
Fluorine	$\geq 4.8\%$	4.9%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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