

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	38432
<b>Lot Number</b>	002197-210410
<b>Product</b>	<b>Florfenicol</b> 2,2-Dichloro-N-[(1R,2S)-3-fluoro-1-hydroxy-1-(4-methylsulfonylphenyl)-2-propyl]acetamide
<b>CAS Number</b>	73231-34-2
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>14</sub> Cl <sub>2</sub> FNO <sub>4</sub> S
<b>Molecular Weight</b>	358.21

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<b>Appearance</b>	White to off-white powder or crystalline powder
<b>Melting Point</b>	155 - 156 °C
<b>Heavy Metals</b>	< 20 ppm
<b>Anion</b>	Chlorides : < 0.02% Fluorine : 5%
<b>Water Content (Karl Fisher)</b>	0.09%
<b>pH</b>	5.9
<b>Optical Rotation</b>	[α] <sub>D</sub> /20 = -17 °
<b>Related Substances</b>	Single impurity : 0.09% Total impurities : 0.32%
<b>Residue On Ignition</b>	< 0.1%
<b>Assay (anhydrous basis)</b>	100.1%
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager