

## **PRODUCT SPECIFICATION**

Product : **Florfenicol**

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Appearance	:	White or almost white powder or crystalline powder
Solubility	:	Very soluble in Dimethylformamide, soluble in Methanol, sparingly soluble in glacial Acetic Acid, very slightly soluble in water or in Chloroform
Identification	:	A) Infrared absorption – the IR spectrum is in accordance with the spectrum obtained with Florfenicol RS. B) the retention time of the major peak in the chromatogram of the sample preparation corresponds to that of the standard preparation, as obtained in the assay.
Loss on drying	:	NMT 0.5 %
Specific optical rotation	:	-16° to -19°
Melting point	:	152 - 156°C
pH	:	4.5 – 7.0
Chlorides	:	NMT 0.02 %
Sulphated ash	:	NMT 0.1 %
Heavy metals	:	NMT 20 ppm
Related substances	:	max. single impurity – NMT 0.5 % Total impurities – NMT 2.0 %
Assay	:	not less than 98.0 % (calculated on dried basis)
MSDS	:	available upon request