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## Specification

<b>Product</b>	<b>Chloramphenicol for biochemistry</b>
<b>Brand</b>	BioFroxx

<b>Product number</b>	1289
<b>Synonym(s)</b>	Chloromycetin, D(-)-threo-2,2-Dichloro-N-[β-hydroxy-α-(hydroxymethyl)-β-(4-nitrophenyl)-ethyl]-acetamide
<b>Formula</b>	$C_{11}H_{12}Cl_2N_2O_5$
<b>Molecular weight</b>	323.13 g/mol
<b>CAS number</b>	56-75-7
<b>Storage</b>	below 25°C
<b>Retest period (months)</b>	36

<b>Parameter</b>	<b>Specification</b>
<b>Appearance</b>	white to grey-white or yellowish white, fine, crystalline powder or fine spicular or longish flat crystals
<b>Assay (photometr.)</b>	min. 98.5 %
<b>α<sub>20°C/D</sub>; 5 % EtOH</b>	+18.5° to +20.5°
<b>Sulfated ash</b>	max. 0.1 %
<b>Loss on drying</b>	max. 0.5 %
<b>Chloride</b>	max. 0.01 %

Einhausen, 22.01.2020