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## Specification

<b>Product</b>	<b>Ampicillin sodium salt for biochemistry</b>
<b>Brand</b>	BioFroxx

Product number	1146
Synonym(s)	D(-)- $\alpha$ -Aminobenzylpenicillin sodium salt
Formula	$C_{16}H_{18}N_3NaO_4S$
Molecular weight	371.39 g/mol
CAS number	69-52-3
Storage	2-8°C
Retest period (months)	36

<b>Parameter</b>	<b>Specification</b>
Appearance	white to off-white powder
Appearance of solution	clear, colorless
Assay (HPLC, calc. on dried substance)	91.0 - 102.0 %
Specific rotation	+258° to +287°
pH (10 % in water, 20°C)	8.0 - 10.0
Heavy metals (as Pb)	max. 0.002 %
Water (K.F.)	max. 2.0 %
Related substances	passes test
Residual solvents	passes test

Einhausen, 18.03.2020