

neoFroxx GmbH

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Specification

Product	Ampicillin sodium salt for biochemistry
Product number	1146
Synonyms	D(-)- α -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
Parameter	Specification
Appearance	white to off-white powder
Appearance of solution	clear and colourless
Assay (HPLC)	91 - 102 %
Specific rotation	+258.0° - +287.0°
pH (10 % in water, 20°C)	8 - 10
Heavy metals	≤ 0.002 %
Water	≤ 2 %
Related substances	passes test
Residual solvents	passes test

Einhausen, 06.06.2024