

Specification



Ampicillin sodium salt pure Ph. Eur.

A6352

Synonym	D(-)- α -Aminobenzylpenicillin sodium salt
Melting point	212 - 215°C (dec.)
Formula	$C_{16}H_{18}N_3NaO_4S$
M	371.39 g/mol
CAS-No.:	69-52-3
HS-No.:	29411000
EC-No.:	200-708-1
Storage:	RT
LGK:	10 - 13
R:	42/43
S:	22-26-36/37
	sensitizing
Specification	
Assay (HPLC)	91.0 - 102.0 %
α20°C/D; 0.25 %, Potassium hydrogen phthalate sol. 4 g/L	+258° - +287°
Appearance of solution	complies
Bacterial endotoxins	max. 0.15 I.U./mg
Identity	complies
pH (10 %; H₂O)	8.0 - 10.0
Heavy metals (as Pb)	max. 0.002 %
Related subst.	complies
2-Ethylhexanoic acid	max. 0.8 %
Dichloromethane (GC)	max. 0.2 % (m/m)
N,N-Dimethylaniline	max. 0.002 %
Water (K.F.)	max. 2 %