



# Product Specification



Material	0339-100G
Material description	Ampicillin sodium salt
Grade	USP
CAS Number	69-52-3
Molecular formula	C <sub>16</sub> H <sub>18</sub> N <sub>3</sub> NaO <sub>4</sub> S
Molecular mass	371.39
Storage	Store between 2° C and 8° C.
Additional information	

Characteristics	Specifications
Potency (on anhydrous substance)	845 --> 988 µg/mg
Potency	0 --> 9999 µg/mg
Crystallinity	Passes test
Dimethylaniline	Passes test
Identification A (Na)	Passes test
pH (25°C; 1 % (0.5 g/50 ml))	8.0 --> 10.0
Limit of methylene chloride	Max. 0.2 %
Water (KF)	Max. 2.0 %
Residual solvents:	.
Residual solvents Class 2 (Acetonitrile)	Max. 200.0 ppm
Residual solv. Cl.2 (Methylene chloride)	Max. 100.0 ppm

Signature	Additional information
<p>We certify that this batch conforms to the specifications listed above.</p> <p>This document has been produced electronically and is valid without a signature.</p> <p>Kolleen Parwulski, Head of Laboratory - Sanborn VWR Chemicals, LLC; 6351 East Inducon Drive; Sanborn; NY 14132; USA</p>	<p>Class 1, 2 or 3 solvents may be present in this product and are identified and quantified.</p> <p>For research or further manufacturing use only. Not for therapeutic applications.</p> <p>Analysis may have been rounded to significant digits in specifications limits. Product meets analytical specifications of the grades listed.</p>