

Specification

Technical Data Sheet

Product Name	Carbenicillin disodium salt
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Product No	32113067
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CAS Number	4800-94-6
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Storage Temperature	2 to 8 °C
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Molecular Weight	422.36
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Specification

Appearance	White to off-white powder
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Conclusion	conforms to USP specification
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Identification	Conforms to reference
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pH	6.0 - 8.5 (10mg/ml)
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Specific rotation	+182 to +196°
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Assay	≥ 92%
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Individual Impurities	≤ 3.0%
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Specification

Molekula Supplier ID reference	-
Potency	$\geq 830 \mu\text{g}/\text{mg}$
Residual solvents - Acetone	$\leq 5000\text{ppm}$
Residual Solvents: Ethyl acetate	$\leq 5000\text{ppm}$
Solubility	Clear and slightly yellow solution
Total Impurities	$\leq 6.0\%$
Water Content (KF)	$\leq 5.0\%$
Iodine Absorbing Substances	$\leq 8.0\%$
