

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

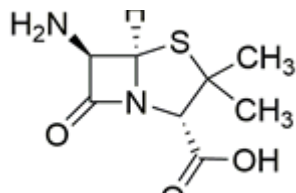
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	41599
Product	(+)-6-Aminopenicillanic acid (2 <i>S</i> ,5 <i>R</i> ,6 <i>R</i>)-6-Amino-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]
CAS Number	551-16-6
Molecular Formula	C ₈ H ₁₂ N ₂ O ₃ S
Molecular Weight	216.26

Appearance	White or yewllowish crystalline powder
Solubility	To pass test
Odor	Odorless or slightly specific odor
Refractive Index	Ethanol : ≤ 0.1% N-Butanol : ≤ 0.4% Butyl acetate : ≤ 0.4%
Water Content (Karl Fisher)	≤ 0.3%
pH	3.4 - 4.5
Optical Rotation	[α] ²⁰ _D = 265 - 285 °
Transmission	≥ 99%
Loss on Drying	≤ 0.3%
Related Substances	Phenylacetic acid : ≤ 0.4% Penicillin content : ≤ 0.2%
Assay (anhydrous basis)	97.5 - 100.5%
Purity	≥ 99%
Storage	Store at 2 - 8 °C
Additional Information	Absorbance : ≤ 0.015

For Laboratory Use Only