

Chem-Impex International, Inc.

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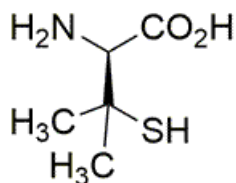
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02591
Product	D-Penicillamine D-Pen-OH D-2-Amino-3-mercapto-3-methylbutanoic acid
CAS Number	52-67-5
Molecular Formula	C ₅ H ₁₁ NO ₂ S
Molecular Weight	149.2

Appearance	White to off-white crystalline powder
Heavy Metals	≤ 0.002%
Cation	Mercury (Hg) : ≤ 0.002%
pH	4.5 - 6.0
Optical Rotation	[α] _D ²⁰ = -60.5 to -64.5 ° (C=1 in 1N NaOH)
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.5% (60 °C, 3h)
Related Substances	Limit of penicillamine disulfide : ≤ 1%
Residue On Ignition	≤ 0.1%
Assay	97 - 102% (Dried basis)
Grade	Meets USP specification
Storage	Store at 0 - 8 °C
Additional Information	Identification : To pass test

For Laboratory Use Only