

**Product Name:** D-(-)-Penicillamine, 98%  
**Catalog Number:** A11446.14

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**CAS Number:** 52-67-5  
**IUPAC Name:** (2S)-2-amino-3-methyl-3-sulfanylbutoic acid  
**Molecular Formula:** C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>S  
**Molecular Weight:** 149.21  
**InChI Key:** VVNCNSJFMMFHPL-VKHKMYHEASA-N  
**SMILES:** CC(C)(S)[C@@H](N)C(O)=O  
**Synonym:** penicillamine cupripen (D)-penicillamine artamine penicillamin (S)-penicillamine  
pendramine penicillamine, copper dimethylcysteine D-penicillamine

## Product Specification

**Appearance (Color):** White to pale cream  
**Form:** Powder  
**Optical Rotation:** -62.5° (c=5%, 1N NaOH)  
**Assay (Non-aqueous acid-base Titration):** ≥97.5 to ≤102.5%

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**Date Of Print:** 07/15/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*