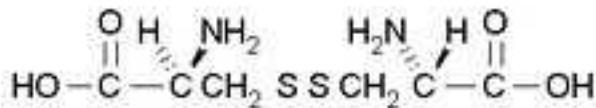


Product Information Sheet

C248

L-Cystine, Free Base



Synonym: [R-(R*,R*)]-3,3'-Dithiobis[2-aminopropanoic Acid]

CAS: 56-89-3

Formula: C₆H₁₂N₂O₄S₂

Molecular Wt: 240.3

Properties

Form: Powder

Appearance: White Powder

Application: Amino Acid

Solubility: Slightly soluble in Water. Readily soluble in KOH or other aqueous solutions with pH above 8 or below 2.

Typical Working

Concentration:

Storage Temp: Room Temperature

Storage Temp of Cystine may precipitate out of neutral solutions at higher concentrations.

Stock Solution: Stocks are more stable in acidic or alkaline conditions and should be stored at least at 2 to 6° C

Other Notes: Plant Tissue Culture Tested
Derived from an Avian Source

Application Notes

References

Merck **13**, 2811

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