



Sunrise Science Products

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PRODUCT DESCRIPTION

PRODUCT NAME:

SC-Cys-Met Powder

CATALOG NUMBER:

1319-XXX

STORAGE CONDITIONS:

Store tightly closed at 2-8°C

FINAL CONCENTRATION:

1.83 g/L

SUGGESTED USE:

For complete media, add this amino acid mixture to YNB+Nitrogen+Sugar (dropout base) at stated g/L. Filter sterilize or autoclave at 121°C for 15 minutes. To prepare plates, autoclave agar separately and add to sterile medium, or add agar to liquid medium and adjust to pH 5.8-6.0 before autoclaving.

CONTENTS/L:

Adenine (21 mg/L)
L-Alanine (85.6 mg/L)
L-Arginine (85.6 mg/L)
L-Asparagine (85.6 mg/L)
L-Aspartic Acid (85.6 mg/L)
L-Glutamine (85.6 mg/L)
L-Glutamic Acid (85.6 mg/L)
L-Glycine (85.6 mg/L)
L-Histidine (85.6 mg/L)
*DL-Homoserine (85.6 mg/L)
Inositol (85.6 mg/L)
L-Isoleucine (85.6 mg/L)
L-Leucine (173.4 mg/L)
L-Lysine (85.6 mg/L)
Para-Amino Benzoic Acid (PABA) (8.6 mg/L)
L-Phenylalanine (85.6 mg/L)
L-Proline (85.6 mg/L)
L-Serine (85.5 mg/L)
L-Tryptophan (85.6 mg/L)
L-Tyrosine (85.6 mg/L)
Uracil (85.6 mg/L)
L-Valine (85.6 mg/L)

* Due to their relationship to the methionine biosynthesis pathway, Sunrise Science Products follows the standard of replacing threonine with homoserine in amino acid mixtures lacking methionine.