

TECHNICAL DATA SHEET

PRODUCT: SIH Medium without Methionine

STOCK CODE: SIM01**

| Formula | mg/L |
|--|--------------|
| Amino Acids | |
| L-Arginine | 700 |
| L-Asparagine | 300 |
| L-Aspartic Acid | 150 |
| L-Cysteine | 300 |
| L-Glutamic Acid | 545 |
| Glycine | 900 |
| L-Histidine | 300 |
| L-Isoleucine | 600 |
| L-Leucine | 900 |
| L-Lysine | 1250 |
| L-Phenylalanine | 550 |
| L-Proline | 800 |
| L-Threonine | 500 |
| L-Tryptophan | 350 |
| L-Valine | 700 |
| Vitamins | |
| Biotin | 0.02 |
| Cyanocobalamin | 0.01 |
| Folic Acid | 0.2 |
| Lipoic Acid | 0.4 |
| Riboflavin | 0.5 |
| Thiamine | 0.6 |
| Micro Elements | |
| Na ₂ EDTA.2H ₂ O | 4.84 |
| ZnSO ₄ | 2.3 |
| H ₃ BO ₃ | 1.11 |
| MnCl ₂ .4H ₂ O | 0.51 |
| CoCl ₂ .6H ₂ O | 0.17 |
| CuSO ₄ .5H ₂ O | 0.15 |
| (NH ₄) ₆ Mo ₇ O ₂₄ .4H ₂ O | 0.1 |
| Minerals | |
| NH ₄ Cl | 53.5 |
| CaCl ₂ .2H ₂ O | 2.94 |
| FeCl ₃ | 16.2 |
| MgCl ₂ .6H ₂ O | 81.32 |
| KH ₂ PO ₄ | 870 |
| Carbon Source | |
| Glucose | 10000 |
| TOTAL | 19976 |

Suspend 20.0 gram powdered medium in 1 litre distilled water.

Store Dry at Room Temperature

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