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# MSP02 FORMULATION

## Murashige & Skoog Basal Salts

With Macronutrients, Micronutrients and Vitamins

Without Glycine

Store at 2° to 8°C

| Components | mg/L |
|---|---|
| Ammonium Nitrate ($NH_4NO_3$) | 1650.00 |
| Boric Acid ($H_3BO_3$) | 6.200 |
| Calcium Chloride, Anhydrous ($CaCl_2$) | 332.20 |
| Cobalt Chloride, Hexahydrate ($CoCl_2 \cdot 6H_2O$) | 0.025 |
| Cupric Sulfate, Pentahydrate ($CuSO_4 \cdot 5H_2O$) | 0.025 |
| EDTA, Disodium, Dihydrate ($C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$) | 37.26 |
| Ferrous Sulfate, Heptahydrate ($FeSO_4 \cdot 7H_2O$) | 27.80 |
| Magnesium Sulfate, Anhydrous ($MgSO_4$) | 180.70 |
| Manganese Sulfate, Monohydrate ($MnSO_4 \cdot H_2O$) | 16.900 |
| Molybdic Acid Sodium Salt, Dihydrate ($Na_2MoO_4 \cdot 2H_2O$) | 0.250 |
| Myo-Inositol ($C_6H_{12}O_6$) | 100.00 |
| Nicotinic Acid ($C_6H_5NO_2$) | 0.500 |
| Potassium Iodide (KI) | 0.830 |
| Potassium Nitrate ($KNO_3$) | 1900.00 |
| Potassium Phosphate, Monobasic, Anhydrous ($KH_2PO_4$) | 170.00 |
| Pyridoxine, Hydrochloride ($C_8H_{11}NO_3 \cdot HCl$) | 0.500 |
| Thiamine, Hydrochloride ($C_{12}H_{17}ClN_4OS \cdot HCl$) | 0.100 |
| Zinc Sulfate, Heptahydrate ($ZnSO_4 \cdot 7H_2O$) | 8.600 |

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