



Product Information Sheet



**H396
 Heller/White Modified
 Basal Salt Mixture**

Properties

- Form: Powder
- Appearance: White to Yellow Powder
- Application: Plant Tissue Culture
- Solubility: Water
- Typical Working Concentration: 1.04 g/L
- Storage Temp: 2 – 6°C
- Storage Temp of Stock Solution: Preparation of concentrated solutions is not recommended as insoluble precipitates may form.
- Other Notes: Contains the macro- and micronutrients as described by Heller (1953) and White (1963). Does not contain Molybdenum Trioxide.

Formula (mg/L)

Aluminum Chloride·6H ₂ O	0.03
Boric Acid	1.24
Calcium Nitrate	300
Cupric Sulfate·5H ₂ O	0.03
Ferrous Sulfate·7H ₂ O	25
Magnesium Sulfate, Anhydrous	351.63
Manganese Sulfate·H ₂ O	0.01

Potassium Chloride	65
Potassium Iodide	0.01
Potassium Nitrate	80
Sodium Phosphate Monobasic	16.5
Sodium Sulfate	200
Zinc Sulfate·7H ₂ O	1

Application Notes

Plant Tissue Culture Tested

References

Heller, R. 1953. Ann. Sci. Nat. Bot. Biol. Belg. 11th Ser. 14:1-223.

White, PR. 1963. The Cultivation of Animal and Plant Cells, 2nd Edition, Ronald Press, NY, NY.

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