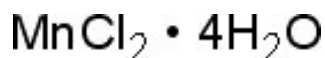




## Product Information Sheet



## M455 Manganese Chloride Tetrahydrate

CAS: 13446-34-9  
Formula:  $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$   
Molecular Wt: 197.91

### Properties

Form: Powder  
Appearance: Pink to Red Crystalline  
Application: Plant Micronutrient  
Solubility: Water  
Typical Working Concentration: See Application Note  
Storage Temp: Room Temperature  
Storage Temp of Stock Solution: Refrigerate to retard growth of microorganisms in non-sterile solutions.  
Other Notes: Plant Tissue Culture Tested

### Application Notes

This is the form of manganese that is contained in Hoagland's Modified Basal Salts (Prod. No. H353) at 1.81 mg/L.

### References

*Merck 13*, 5751

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**PhytoTechnology Laboratories®**

P.O. Box 12205 • Shawnee Mission, KS • 66282-2205

Phone: 1-913-341-5343 or 1-888-749-8682 (U.S. Only) Fax: 1-913-341-5442 or 1-888-449-8682 (U.S. Only)

Web Site: [www.phytotechlab.com](http://www.phytotechlab.com)

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