

Product Information Sheet

F318

Ferrous Sulfate/ Chelate Solution (100x)

Synonym: Iron(II) Sulfate/ EDTA Chelated Solution
 CAS: N/A¹
 Formula: N/A
 Molecular Wt: N/A

Properties

Form: Liquid
 Appearance: Yellow-Green, Clear Liquid
 Application: Plant Micronutrient
 Solubility: Miscible with Water
 Typical Working Concentration: Use 10 mL/L for an equivalent Iron molar concentration to MS Basal Salts
 Storage Temp: 2 to 6° C
 Storage Temp of Stock Solution: N/A
 Other Notes: Plant Tissue Culture Tested

Formula (mg/L)

	(100x)	Working (1x)
Ferrous Sulfate Heptahydrate	2780	27.8
EDTA, Disodium Salt Dihydrate	3730	37.3

Application Notes

¹ This is a mixture of F263 Ferrous Sulfate (CAS No. 7782-63-0) and E410 Disodium EDTA (CAS No. 6381-92-6).

References

Murashige, T and F Skoog. 1962. A revised medium for rapid growth and bioassays with tobacco tissue cultures. *Physiol. Plant.* 15: 473-497.

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