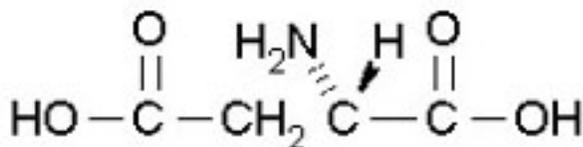


## Product Information Sheet

**A117**

**L-Aspartic Acid, Free Acid**



Synonym: (S)-Aminobutanedioic Acid; Aminosuccinic Acid  
CAS: 56-84-8  
Formula: C<sub>4</sub>H<sub>7</sub>NO<sub>4</sub>  
Molecular Wt: 133.10

### Properties

Form: Powder  
Appearance: White Crystalline  
Application: Amino Acid  
Solubility: Water, more soluble in NaOH or HCl  
Typical Working Concentration: Varies with application. Should be determined by end user.  
Storage Temp: Room Temperature  
Storage Temp of Stock Solution: 2-6°C  
Other Notes: Plant Tissue Culture Tested. Derived Synthetically

### Application Notes

An amino acid that can be used in plant tissue culture media preparation. Has been cited to induce bud formation in some stem tissues, such as *Torenia* (Narayanswamy, 1997).

### References

Merck 13, 845

Narayanswamy S (1997) Plant Cell and Tissue Culture, Tata McGraw-Hill Publishing Co.Ltd., New Delhi, India, pp. 116-118.

### India Contact

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