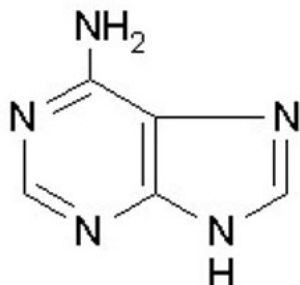


## Product Information Sheet

**A120**  
**Adenine**



Synonym: 6-Aminopurine; Vitamin B<sub>4</sub>  
CAS: 73-24-5  
Formula: C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>  
Molecular Wt: 135.13

### Properties

Form: Powder  
Appearance: White to Off-white Powder  
Application: Cytokinin  
Solubility: 1N KOH  
Typical Working  
Concentration:  
Storage Temp: Room Temperature  
Storage Temp of  
Stock Solution:  
Other Notes: Plant Tissue Culture Tested

### Application Notes

Please Note: While *PhytoTechnology Laboratories®* tests each lot of this product with two or more plant cell/ tissue culture lines, it is the sole responsibility of the purchaser to determine the appropriateness of this product for the specific plants that are being cultured and applications that are being used.

### References

*Merck* 13, 152

Muoma, J., G. Muluvi and J. Machuka., 2008. *In vitro* regeneration by indirect organogenesis of selected kenyan maize genotypes using shoot apices. *Biotechnology*, 7: 732-738.