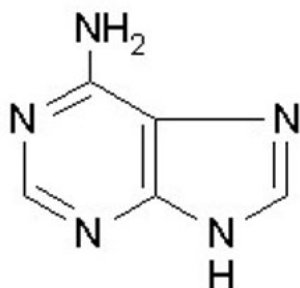


### Product Information Sheet

**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.

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