

## Product Information Sheet

---

**E333**

### EXS IIIa™ BASAL MEDIUM Contains Adenine Hemisulfate

#### Properties

Form:	Powder
Appearance:	White to Yellow Powder
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	3.95 g/L
Storage Temp:	2 – 6° C
Storage Temp of Stock Solution:	Preparation of concentrated solutions is not recommended as insoluble precipitates may form.
Other Notes:	Proprietary Formula Contains <i>myo</i> -Inositol and Thiamine HCl Does not contain carbohydrates or gelling agents

#### Application Notes

Plant Tissue Culture Tested

EXS IIIa™ is a proprietary plant cell culture medium that was originally developed for the culture of foliage plants such as *Syngonium*, *Ficus*, and *Spathiphyllum*.

EXS IIIa™ has slightly less nitrogen and potassium compared to MS Medium, but higher concentrations of calcium and magnesium. The reduced levels of nitrogen plus increased levels of calcium and magnesium help support more productive growth in a wider range of plant species.

#### References

Revised 2/2007

#### India Contact

---

##### **Life Technologies (India) Pvt Ltd.**

306, Agarwal City Mall, Road 44, Pitampura, Delhi - 110034 (India)

Tel: +91-11-4220-8000; 4220-8111; 4220-8222 Fax: +91-11-4220-8444, Mobile: +91-98105-21400

Email - [customerservice@lifetechindia.com](mailto:customerservice@lifetechindia.com) | [customerservice@atzlabs.com](mailto:customerservice@atzlabs.com)