



Product Information Sheet

P6626

Potassium ferricyanide (III)

Synonym: Potassium hexocyanoferrate(III) trihydrate
CAS: 13746-66-2
Formula: $K_3Fe(CN)_6 \cdot 3H_2O$
Molecular Wt: 329.26 g/gmol

Properties

Form: Powder
Appearance: Orange-red powder
Application: GUS Staining solution
Solubility: 0.2 g/L in water
Typical Working Concentration: 0.5-5 mM (Total in combination with P6826 1-10 mM)
Storage Temp: Room Temperature
Other Notes: Protect from light

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.

Mild oxidative catalyst that has been shown to aid the indoxyl derivative product of X-Gluc to dimerize and precipitate *in vitro* to localize to enzyme location (Pearson *et al.* 1967).

References

Merck 13, 7712

Z. Lojda.(1971) *Histochemie* Vol. 27. Pg 182-192

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