



Product Information Sheet

M580

Melin-Norkrans Medium, Modified

Properties

Form:	Powder
Appearance:	Cream to Tan
Application:	Isolation of fungi from mixed microbiological samples.
Solubility:	Partially Soluble in Water
Typical Working Concentration:	20.82 g/L
Storage Temp:	2 – 6 °C
Storage Temp of Stock Solution:	Preparation of concentrated solutions is not recommended as insoluble precipitates may form.

Formula (mg/L)

Ammonium Phosphate, Monobasic	184.7	Calcium Chloride, Anhydrous	50
FeNa EDTA	20	Thiamine HCl	0.10
Magnesium Sulfate	35.8	Malt Extract	3000
Potassium Phosphate, Monobasic	500	Sucrose	10000
Sodium Chloride	25	Agar	7000

References

- Estrada-Torres A., et al. "The myxomycete genus *Schenella*: morphological and DNA sequence evidence for synonymy with the gasteromycete genus *Pyrenogaster*." *Mycologia*, 97(1), 2005, pp. 139-149.
- Morte M., Cano A., Honrubia M., and Torres P. "In vitro mycorrhization of micropropagated *Helianthemum almeriense* plantlets with *Terfezia claveryi* (desert truffle)." *Agricultural and Food Science in Finland [AGRIC. SCI. FINL.]*. Vol. 3, no. 3, pp. 309-314. 1994.
- Ronald P. and Soderhall K. "Phenylalanine Ammonia Lyase and Peroxidase Activity in Mycorrhizal and Nonmycorrhizal Short Roots of Scots Pine, *Pinus sylvestris* L." *New Phytologist*, Vol. 101, No. 3 (Nov., 1985), pp. 487-494
- Scagel C.F., and Linderman R. G. "Influence of ectomycorrhizal fungal inoculation on growth and root IAA concentrations of transplanted conifers" *Tree Physiology* 18, 739—747: 1998.
- Thompson G., Medve R. "Effects of Aluminum and Manganese on the Growth of Ectomycorrhizal Fungi." *Appl Environ Microbiol.* 1984 September; 48(3): 556-560
- Usuki F. and Narisawa K. "A mutualistic symbiosis between a dark septate endophytic fungus, *Heteroconium chaetospora*, and a nonmycorrhizal plant, Chinese cabbage." *Mycologia*, 99(2), 2007, pp. 175-184.