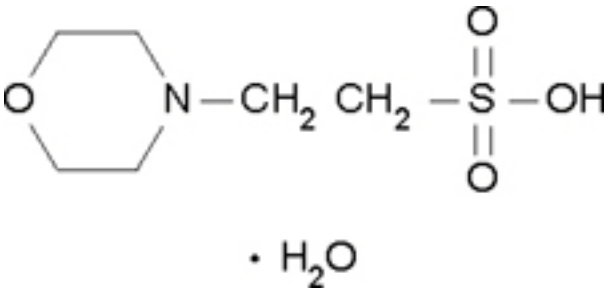
Product Information Sheet



M825
MES Monohydrate

Synonym:	2-(N-Morpholino)ethanesulfonic Acid Monohydrate
CAS:	145224-94-8
Formula:	$C_6H_{13}NO_4S \bullet H_2O$
Molecular Wt:	213.3

Properties

Form:	Powder
Appearance:	White Crystalline
Application:	Buffer for plant tissue culture media
Solubility:	Water
Storage Temp:	Room Temperature
Storage Temp of Stock Solution:	2-6° C
Other Notes:	Plant Tissue Culture Tested

Application Notes

PKa = 6.1 @ 25C;
Useful pH range 5.5-6.7

References

Merck **13**, 5929

Revised 4/2009

_Phyto_Technology Laboratories, LLC™
P.O. Box 12205 • Shawnee Mission, KS • 66282-2205
Phone: 1-913-341-5343 or 1-888-749-8682 (U.S. Only) Fax: 1-913-341-5442 or 1-888-449-8682 (U.S. Only)
Web Site: www.phytotechlab.com
© 2009 *Phyto*Technology Laboratories, LLC™