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**MES MONOHYDRATE**  
**SPECIFICATION SHEET**  
**BIO ULTRA GRADE / ME5220**

$C_6H_{13}NO_4S \cdot H_2O$  ✦ F.W. 213.25 g/mol. ✦ CAS# 145224-94-8

ANALYSIS		SPECIFICATIONS
Absorbance (1M)	260 nm	0.20 a.u. max.
	280 nm	0.20 a.u. max.
Appearance and Color		White / Crystals
Assay		99.0% min.
Color (1M, Alkaline)		Colorless
Identification (IR)		Passes Test
pH (0.5M)		2.5 – 4.5
pH (5% Soln.)		3.0 – 3.5
Residue on Ignition		0.05% max.
Solubility (5% Soln.)		Passes Test