

MES MONOHYDRATE BUFFER SALT (Lot 240101)

B-MES250

01/24

Synonym	2-(N-Morpholino)ethanesulfonic acid, monohydrate 2-(4-Morpholino)ethanesulfonic acid, monohydrate
CAS	145224-94-8
Molecular formula	$C_6H_{13}NO_4S \cdot H_2O$
Molecular weight	213.25
Purity	≥ 99.85%
pKa (25°C)	6.1
Useful pH range	5.5 - 6.7

Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
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Physical properties

Appearance	White crystalline solid
Solubility in water (0.5M @ 20°C)	Clear colourless solution
Water (%)	~ 8%
Melting point (°C)	> 300°C

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Impurities

Heavy metals	≤ 5ppm
A_{250}	0.008