

BUFFERS

BY

SORACHIM

MES Hemisodium Salt (2-(N-morpholino)ethanesulfonic acid hemisodium salt)

MES-002

SPECIFICATIONS

CAS:	117961-21-4
Molecular weight:	206.7
Molecular formula:	$C_6H_{11.5}NO_4SNa_{0.5}$
Appearance:	White crystalline powder
Assay:	> 99 %
Solubility (10%, H ₂ O):	Clear, colorless solution
Water (K.F):	< 3 %
UV data (10%, H ₂ O):	$A_{260} < 0.04$ $A_{280} < 0.02$
Residue on ignition:	< 0.1 %
pH (1%, H ₂ O):	5.7 - 6.3
Heavy metals (Pb):	< 5 ppm
Storage:	Room temperature. Protect from moisture
Stability:	At least 2 years at RT.

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