

CERTIFICATE OF ANALYSIS

PRODUCT:	MOPS, Sodium Salt [3-(N-Morpholino)-Propanesulfonic Acid, Sodium salt] C ₇ H ₁₄ NO ₄ SNa, M.W. 231.2, CAS [71119-22-7]
PRODUCT NUMBER:	M-2413
LOT NUMBER:	H1355
SOLUBILITY:	Clear and complete in 1.0M H ₂ O
APPEARANCE:	White Crystalline Powder
ASSAY (titration):	99.9%
HEAVY METALS:	< 1 ppm
LOSS ON DRY (KF):	0.18% (105°C, 3hrs.)
pKa (20°C):	7.17
pH (10% in H₂O):	10.1
SOLUBILITY (0.1M in water):	Passed
UV A260nm, (0.1M in water):	0.018

STORAGE & HANDLING: Room temperature (+ 20°C).
Hygroscopic. Protect from moisture

CAUTION: For research & manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KLS