

CERTIFICATE OF ANALYSIS

PRODUCT:	MOPS, Free Acid 3-(N-morpholino)-propanesulfonic acid C ₇ H ₁₅ NO ₄ S, M.W. 209.3, CAS# [1132-61-2]
PRODUCT NUMBER:	M-2721
LOT NUMBER:	H1309A
APPEARANCE:	White crystalline power
SOLUBILITY:	Pass Test (10% in water)
ASSAY (Titration):	100.22%
LOSS ON DRYING(105°C):	0.37%
pH(10% in H₂O):	4.3
ENDOTOXIN:	<0.5 EU/ml
HEAVY METALS:	<5 ppm
IRON (Fe):	<5 ppm
pKa @ 20°C:	7.15
UV Absorbance 250nm: (1M Solution in H ₂ O)	<0.1
STORAGE & HANDLING:	Store at Room Temperature (+ 20°C).

WARNING: IRRITANT!

CAUTION: For research 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: SK