

Product: CHES Buffer
2- (Cyclohexylamino) Ethane Sulfonic Acid
Catalog Number: 19800

Formula: C₈H₁₇NO₃S
Formula Weight: 207.29
CAS Number: 103-47-9

SPECIFICATION

<u>Test</u>	<u>Specification</u>
Appearance	white crystalline powder
Assay	NLT 99.0%
Absorbance (0.1M solution in H ₂ O)	
260nm	NMT 0.07
280nm	NMT 0.05
Identification (by IR)	matches reference spectrum
pH (1% solution in water at 25°C)	5.0 to 6.0
pKa at 25°C	9.4 to 9.6
Solubility (10% solution in H ₂ O)	clear, colorless, and complete
Water (by Karl Fischer)	NMT 0.5%
Heavy Metals (as Pb)	NMT 5 ppm

Additional Information

Storage Conditions

15°C to 30°C