



CAPSO Buffer

B-CAPSO250

09/09

IUPAC Name	3-(cyclohexylamino)-2-hydroxypropane-1-sulfonic acid
CAS Number	73463-39-5
Molecular formula	C ₉ H ₁₉ NO ₄ S
Molecular weight	237.32
Assay	≥ 99 %
pKa (25°C)	9.6
Useful pH range	8.9 – 10.3

Storage

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

Physical properties

Appearance
Solubility in water
Water content
Melting point (°C)

Specification

White crystalline solid
Clear solution
≤ 1.0 %
263 – 271°C

Impurities

Heavy metals ≤ 5ppm
A₂₆₀ ≤ 0.04
A₂₈₀ ≤ 0.03