



CAPS Buffer (Lot 91101c)

B-CAPS200

01/19

IUPAC Name	3-(cyclohexylamino)propane-1-sulfonic acid
CAS Number	1135-40-6
Molecular formula	C ₉ H ₁₉ NO ₃ S
Molecular weight	221.32
Assay	≥ 99%
pKa (25°C)	10.4
Useful pH range	9.7 – 11.1

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

Physical properties

Appearance
Solubility in water (0.5M @ 20°C)
Water (%)
Melting point (°C)

Specification

White crystalline solid
Clear colourless solution
≤ 0.5%
> 300°C

Impurities

Heavy metals	≤ 5ppm
A ₂₆₀	0.050
A ₂₈₀	0.040
A ₂₉₀	0.029