



MOPS Buffer

B-MOPS250

09/09

IUPAC Name	3-(morpholin-4-yl) propane-1-sulfonic acid
CAS Number	1132-61-2
Molecular formula	C ₇ H ₁₅ NO ₄ S
Molecular weight	209.26
Assay	≥ 99 %
pKa (25°C)	7.2
Useful pH range	6.5 – 7.9

Storage

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

Physical properties

Appearance
Solubility in water (1M @ 20°C)
Water content
Melting point (°C)

Specification

White powder
Clear colourless solution
≤ 1.0 %
277°C

Impurities

Heavy metals ≤ 5ppm
Iron ≤ 5ppm