

# Product Specifications



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## MOPS, FREE ACID Ultra Pure

Product Number

IB70170

Size

100gm

CAS NO.

CAS# 1132-61-2

### PHYSICAL SPECIFICATIONS

Molecular Formula	C <sub>7</sub> H <sub>15</sub> NO <sub>4</sub> S
Molecular Weight	209.26
Appearance	White Powder
pKa (1X Solution @ 25°C)	7.20 ± 0.2
Gel Analysis assay	Pass

### WARNING

**Classification:** No known hazards

### RECOMMENDED USE

IBI's MOPS is a zwitterionic buffer ideally suited for RNA electrophoresis in agarose gels. Having a buffering range from 6.5 - 7.9. MOPS works exceptionally well in formaldehyde gels a concentration of 20nM.

**Note:** To produce 1X MOPS Solution (0.2M): Simply add 4.18gm of MOPS to 1L of sterilized water.

**Note:** To produce 10X MOPS Solution (0.2M): Simply add 41.8gm of MOPS to 1L of sterilized water.

### STORAGE

Store at room temperature.