

# Product Specifications



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## HEPES Free Acid

### Product Number

### Size

IB01130	50gm
IB01131	250gm
IB01132	500gm
IB01133	1kg

### CAS NO.

CAS# 7365-45-9

### RECOMMENDED USE

IBI HEPES, Free Acid is a zwitterionic buffer ideally suited for cell culture in a range of 10 - 25mM. HEPES has a buffering range from 6.8 - 8.2. It is also a component of Tris-HEPES Buffer for polyacrylamide electrophoresis of proteins.

### PHYSICAL SPECIFICATIONS

Appearance	White Crystalline Powder
Molecular Formula	$C_8H_{18}N_2O_4S$
Molecular Weight	238.31
pH (0.5M Solution in H <sub>2</sub> O)	5.1 - 6.5
Purity	Min. 99.0
Water	Max. 0.25%
Heavy Metals	Max. 0.001%
Iron	Max. 0.0005%
Sulfates	Max. 0.05%
DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected
Cell Culture Testing	Pass

### STORAGE

Store at room temperature. Protect from moisture.

### WARNING

**Classification:** No known hazards

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