



55311

## MES Monohydrate Buffer for cell culture, 99%, Endotoxin (BET) 0.05EU/mg

Part B1

CAS : 145224-94-8

Molecular Formula : C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub>S.H<sub>2</sub>O

Molecular Weight : 213.25

### Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
Assay (T)	min. 99%
pH (10% aq. solution)	3.0 - 3.5
Sulphated Ash	max. 0.2%
Sulphate (SO <sub>4</sub> )	max. 0.01%
Iron (Fe)	max. 0.0005%
Heavy Metals (Pb)	max. 0.001%
Water (KF)	max. 10%
Absorbance (A) of 10% aq. solution in a 1cm cell v/s H <sub>2</sub> O	
@250nm	max. 0.1
Smooth curve	230 - 350nm
Suitability for Cell Culture	Passes test
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	0.05 EU/mg

### General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	29333919 (GST 18%)
25 Gms	29333919 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
25 Gms	Plastic Bottle

## Available Packages

25 Gms

100 Gms

---

### Disclaimer

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: [info@srchem.com](mailto:info@srchem.com), website [www.srchem.com](http://www.srchem.com)

---