

# Bimal Pharma Pvt. Ltd.



FSSAI LICENSE NO. : 10012022000599

**Biological Buffers From**  
**ISO 9001 : 2008 certified company.**

- **TRIS BUFFER (CAS : 77-86-1)**  
[TRIS (Hydroxy Methyl Amino Methane)]
- **TRIS HCL (CAS : 1185-53-1)**  
[TRIS (Hydroxy Methyl Amino Methane) Hydrochloride]
- **Packing : 1 Kg / 5 Kgs Aluminium Foil Bag, packed in Carton.**  
**: 10 Kgs / 25 Kgs Fibre Drum with PE Liner inside.**
- **pH v/s Temp. (TRIS Buffer) (0.05 M)**

5°C	25°C	37°C
7.76	7.20	6.91
7.89	7.30	7.02
7.97	7.40	7.12
8.07	7.50	7.22
8.18	7.60	7.30
8.26	7.70	7.40
8.37	7.80	7.52
8.48	7.90	7.62
8.58	8.00	7.71

5°C	25°C	37°C
8.68	8.10	7.80
8.78	8.20	7.91
8.88	8.30	8.01
8.98	8.40	8.10
9.09	8.50	8.22
9.18	8.60	8.31
9.28	8.70	8.42
9.36	8.80	8.51
9.47	8.90	8.62

- **Grades :**  
**Granules**  
**&**  
**Crystalline**

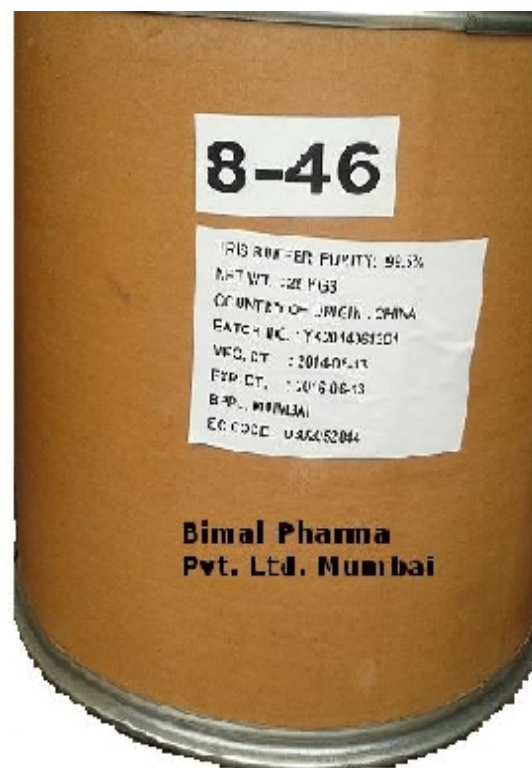


## Other Biological Buffers

Sr. No.	Product Name	CAS No.	Molecular Formula
1.	Bis (2-hydroxyethyl) iminotris (hydroxymethyl) Methane <b>[BIS –TRIS]</b>	6976-37-0	C <sub>8</sub> H <sub>19</sub> NO <sub>5</sub>
2.	1,3-bis (tris[hydroxymethyl] methylamino) propane <b>[BIS-TRIS Propane]</b>	64431-96-5	C <sub>11</sub> H <sub>26</sub> N <sub>2</sub> O <sub>6</sub>
3.	3-(4- Morpholino) propane Sulfonic Acid , Sodium Salt <b>( MOPS, Sodium Salt )</b>	71119-22-7	C <sub>7</sub> H <sub>14</sub> NNaO <sub>4</sub> S
4.	3-(4-Morpholino ) Propane Sulfonic Acid <b>( MOPS )</b>	1132-61-2	C <sub>7</sub> H <sub>15</sub> NO <sub>4</sub> S
5.	N-(2-Hydroxyethyl) Piperazine-N' – (2-Ethane Sulfonic Acid ) <b>[ HEPES ]</b>	7365-45-9	C <sub>8</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub> S
6.	3-[(3-Cholamido Propyl)-Dimethyl Ammonio] Propane sulfonate <b>[CHAPS ]</b>	75621-03-3	C <sub>32</sub> H <sub>58</sub> N <sub>2</sub> O <sub>7</sub> S
7.	2-[(2-Amino-2-oxoethyl) Amino] Ethanesulfonic Acid <b>[ACES]</b>	7365-82-4	C <sub>4</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub> S
8.	3-(Cyclohexylamino)- Propane Sulfonic Acid <b>[ CAPS ]</b>	1135-40-6	C <sub>9</sub> H <sub>19</sub> O <sub>3</sub> S

## Solubility of TRIS Buffer

Sr No.	Solvents	Solubility (mg / ml)
1.	Water	550
2.	Ethylene Glycol	79.10
3.	Methanol	26.00
4.	Ethanol (Anhy)	14.60
5.	Ethanol (95%)	22.00
6.	DMF	14.00
7.	Acetone	02.00
8.	Ethyl Acetate	00.50
9.	Olive oil	00.40
10	Chloroform	00.05



## BIMAL PHARMA PVT. LTD.

Add.: 10, Indraprastha, 1-C, Raheja Township,  
Jitendra Road, Malad (E) , Mumbai – 400097.

Ph. : 022- 28778563 / 28776031 / 65704186

Mob : 09322591096 / 09702968181

E-mail : [bimalpha@mtnl.net.in](mailto:bimalpha@mtnl.net.in) / [jp2@vsnl.com](mailto:jp2@vsnl.com) / [bimalpharma26@gmail.com](mailto:bimalpharma26@gmail.com)