



71033

## Tris Buffer AR, ACS for molecular biology, 99.9%

Part A

CAS : 77-86-1

Molecular Formula : C<sub>4</sub>H<sub>11</sub>NO<sub>3</sub>

Molecular Weight : 121.14

### Specifications

|   |                               |
|---|-------------------------------|
| Appearance (Colour)   | White                         |
| Appearance (Form)   | Crystalline powder            |
| Solubility (Turbidity) 10% aq. solution                               | Clear                         |
| Solubility (Colour) 10% aq. solution                                  | Colourless                    |
| Assay (On dry basis)  | min. 99.9%(By neutralization) |
| Melting Point   | 169 - 171°C                   |
| pH (10% aq. solution)   | 10.5 - 11.0                   |
| Loss on drying  | max. 0.5%                     |
| Sulphated Ash   | max. 0.05%                    |
| Chloride (Cl)   | max. 0.001%                   |
| Insoluble matter  | max. 0.005%                   |
| Sulphate (SO <sub>4</sub> )   | max. 0.005%                   |
| Iron (Fe)   | max. 0.0001%                  |
| Heavy Metals (Pb)   | max. 0.0002%                  |
| Copper (Cu)   | max. 0.0001%                  |
| Arsenic (As)  | max. 0.0001%                  |
| Absorbance (A) of 40% aq. solution in a 1cm cell v/s H <sub>2</sub> O |                               |
| @290nm  | max. 0.2                      |
| DNase, RNase, Protease  | Not detected                  |

### Other Information

Application

A high quality grade, suitable for routine molecular biology applications.

### 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             | 29211190 (GST 18%)                    |

|                 |                    |
|-----------------|--------------------|
| 5 Kg            | 29211190 (GST 18%) |
| 500 Gms         | 29211190 (GST 18%) |
| Type of Packing |                    |
| 100 Gms         | Plastic Bottle     |
| 500 Gms         | Plastic Bottle     |

### Available Packages

|         |
|---------|
| 100 Gms |
| 500 Gms |
| 5 Kg    |

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#### Disclaimer

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