

# Specification

## Technical Data Sheet

<b>Product Name</b>	TRIS (Tris(hydroxymethyl)aminomethane)
---------------------	--

<b>Product No</b>	90004862
-------------------	----------

<b>CAS Number</b>	77-86-1
-------------------	---------

<b>Storage Temperature</b>	Ambient
----------------------------	---------

<b>Molecular Weight</b>	121.14
-------------------------	--------

### Specification

<b>Appearance</b>	White crystalline powder
-------------------	--------------------------

<b>Assay/Purity</b>	≥ 99.0%
---------------------	---------

<b>Heavy metals</b>	≤ 5ppm
---------------------	--------

<b>Loss on Drying</b>	≤ 1.0%
-----------------------	--------

<b>Melting Point</b>	168 - 172°C
----------------------	-------------

<b>pH</b>	10.0 to 11.5, (5% aqueous)
-----------	----------------------------

<b>Water</b>	≤ 0.2%
--------------	--------

## Specification

---

**Iron (Fe)**

$\leq 1\text{ppm}$

---

**Residue on Ignition**

$\leq 0.1\%$

---

**Identification (IR)**

Conforms to Reference

---