

**Tetrahydrofuran, RCI Premium**

|                                 |                |                          |
|---------------------------------|----------------|--------------------------|
| C <sub>4</sub> H <sub>8</sub> O | FW. 72.11      | Density 1 L = 0.890 Kg.  |
| CAS-No.                         | 109-99-9       | Melting Point - 108.5 °C |
| Code                            | <b>RP1203B</b> | Boiling Point 65-66 °C   |

**Specifications**

(Meet A.C.S. Specifications)

|                                              |             |          |
|----------------------------------------------|-------------|----------|
| Assay (by GC.)                               | 99.8%       | min.     |
| Identity (IR)                                | Passes test |          |
| Appearance                                   | Clear       |          |
| Color (APHA)                                 | 10          | max.     |
| Water (by Coulometry)                        | 0.03%       | max.     |
| Acidity (mEq./g.)                            | 0.0005      | max.     |
| Alkalinity (mEq./g.)                         | 0.0002      | max.     |
| Residue on Evaporation                       | 0.03%       | max.     |
| Peroxide (as H <sub>2</sub> O <sub>2</sub> ) | 0.005%      | max.     |
| Aluminium (Al)                               | 0.2         | ppm max. |
| Barium (Ba)                                  | 0.05        | ppm max. |
| Boron (B)                                    | 0.01        | ppm max. |
| Cadmium (Cd)                                 | 0.02        | ppm max. |
| Calcium (Ca)                                 | 0.2         | ppm max. |
| Chromium (Cr)                                | 0.01        | ppm max. |
| Cobalt (Co)                                  | 0.01        | ppm max. |
| Copper (Cu)                                  | 0.01        | ppm max. |
| Iron (Fe)                                    | 0.05        | ppm max. |
| Lead (Pb)                                    | 0.05        | ppm max. |
| Magnesium (Mg)                               | 0.05        | ppm max. |
| Manganese (Mn)                               | 0.01        | ppm max. |
| Nickel (Ni)                                  | 0.01        | ppm max. |
| Tin (Sn)                                     | 0.05        | ppm max. |
| Zinc (Zn)                                    | 0.05        | ppm max. |

Stabilized with about 250 ppm BHT.

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