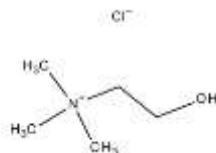


TIQ-F-QC-003

Rev.00

**Technical Data Sheet****CHOLINE CHLORIDE 98% EXTRAPURE**

2-Hydroxyethyl)trimethylammonium chloride



|                          |                                     |                         |              |
|--------------------------|-------------------------------------|-------------------------|--------------|
| <b>Product Code</b>      | O-5064                              | <b>Grade</b>            | Extrapure    |
| <b>Purity</b>            | 98%                                 | <b>CAS No</b>           | 67-48-1      |
| <b>Molecular Formula</b> | C <sub>5</sub> H <sub>14</sub> ClNO | <b>Molecular Weight</b> | 139.63 g/mol |
| <b>H.S.Code</b>          | 2923 1000                           | <b>Shelf Life</b>       | 60 Months    |

**Physical Properties**

|                       |                               |                                               |                         |
|-----------------------|-------------------------------|-----------------------------------------------|-------------------------|
| <b>Physical state</b> | Solid                         | <b>Melting Point</b>                          | 302 - 305 °C            |
| <b>Colour</b>         | White crystalline             | <b>Solubility in water</b>                    | 140 g/l                 |
| <b>pH</b>             | 5,0 - 6,5 at 140 g/l at 25 °C | <b>Autoignition temperature</b>               | 330 °C                  |
| <b>Boiling point</b>  | 300 °C at ca.1.013 hPa        | <b>Partition coefficient: n-octanol/water</b> | log Pow: -3,77 at 25 °C |

**Packaging**

500 g

**Specification**

|                               |                                      |
|-------------------------------|--------------------------------------|
| Appearance                    | White crystalline hygroscopic powder |
| Assay (on anhydrous basis)    | 98.0 - 100.5 %                       |
| Moisture (by KF)              | max 2.0 %                            |
| Sulphated ash                 | max 0.2 %                            |
| Free amine (as dimethylamine) | max 0.1 %                            |

**Safety Information and Hazard Symbols**

NO GHS

Signal Word: not available

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: not available

Precaution Statement: not available

Labotiq