

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

|                         |  |
|-------------------------|--|
| <b>Catalogue Number</b> | 27682                                    |
| <b>Product</b>          | <b>Trimethylstearylammonium chloride</b> |

|                   |                                     |
|-------------------|-------------------------------------|
| <b>Lot Number</b> | 002032-2016011101                   |
|                   | Trimethyloctadecylammonium chloride |

|                          |                                     |
|--------------------------|-------------------------------------|
| <b>CAS Number</b>        | 112-03-8                            |
| <b>Molecular Formula</b> | C <sub>21</sub> H <sub>46</sub> NCl |

|                         |        |
|-------------------------|--------|
| <b>Molecular Weight</b> | 348.05 |
|-------------------------|--------|

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|                                    |  |
|------------------------------------|--|
| <b>Appearance</b>                  | White crystalline powder   |
| <b>Heavy Metals</b>                | < 5 ppm  |
| <b>Water Content (Karl Fisher)</b> | < 0.5%   |
| <b>pH</b>                          | 6.5  |
| <b>Related Substances</b>          | Free amine: 0.1%   |
| <b>Residue On Ignition</b>         | < 0.1%   |
| <b>Assay</b>                       | 99.42%   |
| <b>Storage</b>                     | Store at 0-8 °C  |
| <b>Remarks</b>                     | See material safety data sheet for additional information<br>For laboratory use only |

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**