

**neoFroxx GmbH**

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## Specification

| Product                                               | Chloroform pure, stabilized with 50 ppm Amylene |
|-------------------------------------------------------|-------------------------------------------------|
| Product number                                        | LC-6087                                         |
| Synonyms                                              | Trichloromethane, Methane trichloride           |
| Formula                                               | CHCl <sub>3</sub>                               |
| Molecular weight                                      | 119.38 g/mol                                    |
| CAS number                                            | 67-66-3                                         |
| Storage                                               | below 25°C                                      |
| Retest period (months)                                | 48                                              |
| Parameter                                             | Specification                                   |
| Assay (GC) without stabilizer                         | >= 99.5 %                                       |
| Identity (IR)                                         | passes test                                     |
| Range of distillation                                 | 60 - 62°C                                       |
| Acidity or alkalinity                                 | passes test                                     |
| Darkened substances by H <sub>2</sub> SO <sub>4</sub> | passes test                                     |
| Free chlorine                                         | <= 0.001 %                                      |
| Chloride (Cl)                                         | <= 0.0001 %                                     |
| Carbonyl compounds                                    | passes test                                     |
| Chlorate decomposition products                       | passes test                                     |
| Related substances                                    | passes test                                     |
| Phosgene (Cl <sub>2</sub> CO)                         | <= 0.0005 %                                     |
| Water                                                 | <= 0.1 %                                        |
| Copper (Cu)                                           | <= 0.00002 %                                    |
| Iron (Fe)                                             | <= 0.00002 %                                    |
| Lead (Pb)                                             | <= 0.00002 %                                    |

Einhausen, 24.07.2024