

## Certificate of Analysis

Date of Testing: 2024-10-10 14:15:49

Date of Next Testing: 2026-09-30 14:15:49

Product Name: **3-Chlorobenzoyl chloride**

CAS Number: 618-46-2

Specifications & Purity: 97%

Lot #: E1929087

SKU #: **C106156**

Version: **0**

Analysis #: **417075**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.568-1.57                       | 1.57                             |
| Purity(GC)                          | 97-100 (%)                       | 98.10 %                          |
| Purity (Argentmetric Titration)     | 96.5-103.5 (%)                   | 97.53 %                          |
| Appearance (C106156)                | Colorless to yellow brown liquid | Colorless to yellow brown liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |



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