



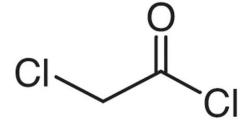
Certificate of Analysis.

Chloroacetyl chloride GC Reference standard, AnStan®.

| Product code: | BS14202. | |
|-------------------|--|--|
| Description: | Chloroacetyl chloride GC Reference standard, AnStan [®] . | |
| Chemical Name: | 2-chloroacetyl chloride. | |
| Pack: | 100 ml. | |
| CAS NO.: | 79-04-9. | |
| Mol. Weight: | 112.94 g/mol. | |
| Mol. Formula: | $C_2H_2Cl_2O$. | |
| MDL Number: | MFCD00000725. | |
| Melting point: | -22 °C. | |
| Boiling Point: | 106 °C. | |
| Density: | 1.42 g/cm ³ . | |
| Solubility: | Soluble in Acetone. | |
| Storage: | Store at ambient temperature. | |
| LOT NO.: | Sample. | |
| Manufacture Date: | Lot specific. | |
| Expiry Date: | 5 years. | |

| Test | Specification | Measured Values |
|-------------------------|---|-----------------|
| Appearance: | Colorless to Almost colorless clear liquid. | Lot specific. |
| Identification by NMR: | Confirms to the structure. | Lot specific. |
| Identification by MASS: | Confirms to the structure. | Lot specific. |
| Identification by IR: | Confirms to the structure. | Lot specific. |
| Purity by GC: | >99%. | Lot specific. |

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



Dr. K. Deepti. **Technical Head.**



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