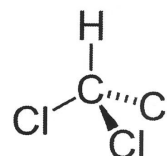


**FINISHED GOODS SPECIFICATION**

|                              |            |                     |                   |                      |            |
|------------------------------|------------|---------------------|-------------------|----------------------|------------|
| Department: Quality Control  |            | Location: All Units | Specification No. | LC/AU/QC/FGS/C013/04 |            |
| Specification: CHLOROFORM AR |            |                     |                   | Product Code: C013   |            |
| Issue date                   | 26/08/2025 | Effective date      | 28/08/2025        | Review date          | 25/08/2028 |
| Version No.:                 | 04         | Supersedes          | 28/08/2023        | Page 1 of 2          |            |

**PRODUCT DETAILS**

|   |                         |                                                                                   |
|---|-------------------------|-----------------------------------------------------------------------------------|
| 1 | Molecular Formula       | CHCl <sub>3</sub>                                                                 |
| 2 | Product code            | C013                                                                              |
| 3 | Molecular weight        | 119.38                                                                            |
| 4 | CAS No                  | 67-66-3                                                                           |
| 5 | Hazard Statement        | H302, H315, H319, H336, H351, H361d, H372, H412                                   |
| 6 | Precautionary Statement | P201 – P273 – P301 + P312 + P330 – P302 + P352 – P304 + P340 + P311 – P308 + P313 |
| 7 | UN No.                  | UN1888                                                                            |



**PACKING DETAILS**

|   |              |           |
|---|--------------|-----------|
|   | Product code | Pack size |
| 1 | C01330       | 500 mL    |
| 2 | C01332       | 2.5 L     |

**PRODUCT SPECIFICATION**

| SL. No. | TEST PARAMETERS                 | LIMITS                                                                                          |
|---------|---------------------------------|-------------------------------------------------------------------------------------------------|
| 1       | Description                     | A clear colourless liquid with a characteristic odour.                                          |
| 2       | Identification (By IR spectrum) | To conform with standard.                                                                       |
| 3       | Miscibility                     | Miscible with ethanol, acetone, ether and most organic solvent. Practically insoluble in water. |
| 4       | Assay (GC)                      | Not less than 99.5%                                                                             |
| 5       | Weight per mL                   | Between 1.474 and 1.478 g                                                                       |
| 6       | Distillation range              | Between 60.0 and 62.0°C                                                                         |
| 7       | Non – volatile matter           | Not more than 0.0005%                                                                           |
| 8       | Acidity (as HCl)                | Not more than 0.0005%                                                                           |
| 9       | Free chlorine                   | Not more than 0.00005%                                                                          |
| 10      | Phosgene                        | Not more than 0.00002%                                                                          |
| 11      | Aldehydes & ketones             | Not more than 0.00008%                                                                          |
| 12      | Chloride                        | Not more than 0.00002%                                                                          |

| SL. No. | TEST PARAMETERS           | LIMITS              |
|---------|---------------------------|---------------------|
| 13      | Carbon tetrachloride (GC) | Not more than 0.01% |
| 14      | Dichloromethane (GC)      | Not more than 0.1%  |

|           | Prepared by | Checked by   | Approved by     |
|-----------|-------------|--------------|-----------------|
| Name      | Latha       | M.Vijayababu | S. Venkataraman |
| Signature |             |              |                 |
| Date      | 26/08/2025  | 26/08/2025   | 26/08/2025      |

**FINISHED GOODS SPECIFICATION**

|                              |            |                |            |                   |                      |
|------------------------------|------------|----------------|------------|-------------------|----------------------|
| Department: Quality Control  |            | Location:      | All Units  | Specification No. | LC/AU/QC/FGS/C013/04 |
| Specification: CHLOROFORM AR |            |                |            |                   | Product Code: C013   |
| Issue date                   | 26/08/2025 | Effective date | 28/08/2025 | Review date       | 25/08/2028           |
| Version No.:                 | 04         | Supersedes     | 28/08/2023 | Page 2 of 2       |                      |

|    |                                    |                     |
|----|------------------------------------|---------------------|
| 15 | Tetrachloroethylene (GC)           | Not more than 0.01% |
| 16 | Trichloroethylene                  | Not more than 0.01% |
| 17 | Readily carbonisable substances    | Passes test         |
| 18 | Suitability for use with dithizone | Passes test         |
| 20 | Water (by KF)                      | Not more than 0.05% |

**SAFETY SYMBOLS**



Health hazard



Toxic

|           |             |               |                 |
|-----------|-------------|---------------|-----------------|
|           | Prepared by | Checked by    | Approved by     |
| Name      | Latha       | M. Vijayababu | S. Venkataraman |
| Signature |             |               |                 |
| Date      | 26/08/2025  | 26/08/2025    | 26/08/2025      |