|  |  |  |  |
| --- | --- | --- | --- |
| **S.no** | **Description** | **UOM** | **Specification** |
|  | Physical State / Color | - | Liquid/colorless |
|  | Assay Content (By GC) | % | 98 |
|  | Grade | % | AR/ACS |
|  | Mol. Wt. | g/mol | 32.04 |
|  | **Impurities** | **%** | **Percentage** |
|  | Non- Volatile matter | % | 0.0005 |
|  | Acidity | % | 0.001 |
|  | Alkalinity | % | 0.0002 |
|  | Ethanol | % | 0.1 |
|  | Water (By KF) | % | 0.1 |
|  | Melting point | °C | -97.6 |
|  | Boiling point | °C | 64.7 |
|  | Freezing point | °C | 5 |
|  | Supplier | - | Elegance Scientific |
|  | MSDS no. | - | XXX |
|  | CAS no. | - | 67-56-1 |
|  | **Acceptance Criteria** | | |
|  | Visual Acceptance | - | Liquid/colorless |
|  | Assay Content (By GC) | % | 98 ± 2 |
|  | **Properties to be tested** | **Test Method** | **Test Agency** |
|  | Purity Analysis | NMR/GC/COC | NABL/IIT-HYD/CMET |