



## PRODUCT SPECIFICATION SHEET

### ACETONE 100%, Lab Grade

| Tested                                 | Property Specification                 | Analysis      |
|--|--|---------------|
| Assay (corrected for water)            | NLT 99.5%                              | 99.66%        |
| Assay(on the anhydrous basis)          | NLT 99.0%                              | 99.96%        |
| Identification A - Infrared Absorption | Conforms to Infrared Spectra           | Pass          |
| Identification B - GC                  | Conforms to Reference Chromatogram     | Pass          |
| Specific Gravity @ 25 C                | NMT 0.789                              | 0.787         |
| Appearance                             | Clear liquid with characteristic odor  | Pass          |
| Color (APHA) 10 max                    | The solution remains clear for 30 min. | Pass          |
| 1 Solubility in Water                  |  |               |
| Residue After Evaporation              | 0.001%, max                            | 0.000%        |
| Nonvolatile Residue                    | NMT 2 mg/50mL (0.004%)                 | 0 mg/50mL     |
| Titration Acid                         | 0.0003 meq/g, max                      | 0.0001 meq/g  |
| Titration Base                         | 0.0006 meq/g, max                      | 0.0001 meq/g  |
| Aldehyde (as HCHO)                     | 0.002%, max                            | < 0.002%      |
| Isopropyl Alcohol                      | 0.05%, max                             | None Detected |
| Methanol                               | 0.05%, max                             | 0.04%         |
| Substances Reducing Permanganate       | To Pass                                | Test Pass     |
| Readily Oxidizable Substances          | To Pass Test Pass Water 0.5%, max      | 0.30%         |