



Acetone

Product Specification - Version 9a dated 11/5/2013

| Specifications | Minimum | Maximum | Test Method |
|-------------------------------------|--------------------|---------|------------------|
| Purity (wt% - wet basis) | 99.5 | | GC |
| Specific Gravity @ 20/20C | 0.7910 | 0.7930 | ASTM D4052 |
| Water (wt%) | | 0.5 | ASTM D1364 |
| Acidity as Acetic Acid (wt%) | | 0.002 | ASTM D1613 |
| Alkalinity as NH ₃ (wt%) | | 0.001 | ASTM D1614 |
| Color (Pt-Co) | | 5 | ASTM D5386/D1209 |
| Distillation Range (degrees C) | 1C including 56.1C | | ASTM D1078 |
| Permanganate Stability (mins @ 25C) | 120 | | ASTM D1363 |
| Residue on Evaporation (mg/100ml) | | 2 | ASTM D1353 |
| Benzene (mg/kg) | | 10 | GC |
| Miscibility with DIW | No Opalescence | | ASTM D1722 |
| Appearance | Clear and bright | | ASTM E2680 |

Notes: Typical product at manufacture satisfies ASTM D 329-07 test criteria.

Reason for revision:

Version 8a dated 11/15/12 GAT – Appearance E2680

Version 9a dated 11/5/13 GAT – Purity wet basis, Color D5386/D1209