

CERTIFICATE OF ANALYSIS

Product: ACETONE,REAGENT,ACS

Method: ACS 10th Ed.

Code: 00884 (Formerly 0150)

Lot Number: 900413

Spec. Rev. No: 005

CAS No.: 67-64-1

Formula: (CH₃)₂CO

F.W.: 58.08

| Specification | Units | Minimum | Maximum | Obtained |
|--|-------|-------------|---------|-------------|
| Assay (CH ₃) ₂ CO | % | 99.5 | | 99.68 |
| Color (APHA) | | | 10 | <5 |
| Residue after evaporation | % | | 0.001 | 0.0006 |
| Solubility in water | | passes test | | passes test |
| Titration acid | meq/g | | 0.0003 | <0.0002 |
| Titration base | meq/g | | 0.0006 | <0.0001 |
| Aldehyde(as HCHO) | % | | 0.002 | <0.0001 |
| Isopropyl Alcohol | % | | 0.05 | <0.0001 |
| Methanol | % | | 0.05 | 0.02 |
| Substances reducing KMnO ₄ | | passes test | | passes test |
| Water (H ₂ O) | % | | 0.5 | 0.3 |

The above data represents the results of Anachemia's assessment. They do not certify that the product has certain properties or that it is suitable for uses other than those specified in the product label.

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A. Bourdeau 13-Apr-2009