



**ChemPure* Brand
Chemicals**

July 10, 2019

...Pure Quality

Certificate of Analysis

Product Name: **ETHYL ETHER, ANHYDROUS REAGENT ACS**

| | | | |
|--------------------|---------------|-----------------|---|
| Product Number: | CP-C7233 | Formula: | (CH ₃ CH ₂) ₂ O |
| CAS Number: | 60-29-7 | MDL: | MFCD00011646 |
| Lot Number: | C19F18 | Formula Weight: | 74.12 G/MOL |
| Manufactured Date: | July 10, 2019 | Retest: | July 9, 2022 |

ANALYTICAL RESULTS

| TEST | SPECIFICATIONS | RESULTS |
|---|--------------------|--------------------|
| Assay (%) | min 99.0% | 99.99% |
| Colour (APHA) | ≤10 | < 5 |
| Peroxides (H ₂ O ₂) | ≤1 ppm | 1.0 ppm |
| Evaporation Residue | ≤0.001% | 0.0002% |
| Titratable Acid (meq/g) | ≤0.0002 | <0.00002 |
| Carbonyl (HCHO) | ≤0.001% | <0.001% |
| Water (K.F. H ₂ O) | ≤0.03% | 0.005% |
| Alcohol (CH ₃ CH ₂ OH) (GC-FID) | T.P.T. (0.05% max) | Passes Test <0.03% |
| Stabilized with BHT | 5-10ppm | 6 ppm |

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It is certified that the above copy is a true copy of the actual lot analysis.

Vyto Mekesa
QC Manager