

## Certificate of Analysis

|                 |                |                           |                     |
|-----------------|----------------|---------------------------|---------------------|
| <b>Product</b>  | <b>Acetone</b> | <b>Batch No.</b>          | <b>: 21 06 0127</b> |
| <b>Grade</b>    | <b>AR.</b>     | <b>Manufacturing date</b> | <b>: 14/06/2021</b> |
| <b>Code No.</b> | <b>AR1003</b>  | <b>Best before</b>        | <b>: 06/2023</b>    |

| Items | Descriptions                     | Specifications |      | Test Results |
|-------|----------------------------------|----------------|------|--------------|
| 1     | Assay (by GC.)                   | 99.5%          | min. | 99.9%        |
| 2     | Color (APHA)                     | 10             | max. | < 10         |
| 3     | Water (by Coulometry)            | 0.2%           | max. | 0.18%        |
| 4     | Acidity (mEq./g.)                | 0.0003         | max. | < 0.0003     |
| 5     | Alkalinity (mEq./g.)             | 0.0006         | max. | < 0.0006     |
| 6     | Residue on Evaporation           | 0.001%         | max. | < 0.001%     |
| 7     | Methanol (GC.)                   | 0.05%          | max. | < 0.05%      |
| 8     | Propan-2-ol (GC.)                | 0.05%          | max. | < 0.05%      |
| 9     | Aldehyde (as HCHO)               | 0.002%         | max. | < 0.002%     |
| 10    | Solubility in water              | Passes test    |      | Passes test  |
| 11    | Substances reducing permanganate | Passes test    |      | Passes test  |

Meet A.C.S. Specifications.

This is to certify the above batch has been tested and complies with this specification.

Ladaphan

Chemist

Achim

Technical Manager