

## **Certificate of Analysis**

| Product  | Propan-2-ol | Batch No.          | : | 21 06 0040 |
|----------|-------------|--------------------|---|------------|
| Grade    | AR.         | Manufacturing date | : | 19/06/2021 |
| Code No. | AR1162      | Best before        | : | 06/2025    |
|          |             |                    |   |            |
|          |             |                    | _ |            |

| Items | Descriptions                                | Specifications | Test Results |             |  |  |
|-------|---|----------------|--------------|-------------|--|--|
| 1     | Assay (by GC.)                              | 99.8% min.     | 99.9%        | _           |  |  |
| 2     | Color (APHA)                                | 10 max.        | < 10         |             |  |  |
| 3     | Water (by Coulometry)                       | 0.1% max.      | 0.009%       |             |  |  |
| 4     | Acidity (mEq./g.)                           | 0.0001 max.    | < 0.0001     |             |  |  |
| 5     | Residue on Evaporation                      | 0.001% max.    | < 0.001%     |             |  |  |
| 6     | Carbonyl Compounds (as propionaldehyde or - | 0.002% max.    | < 0.002%     |             |  |  |
|       | acetone)                                    |                |              |             |  |  |
| 7     | Solubility in water                         | Passes test    | 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

Schon.

Chemist

**Technical Manager**