

Certificate of Analysis

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|-----------------|----------------|---------------------------|---------------------|
| Product | Acetone | Batch No. | : 21 06 0227 |
| Grade | AR. | Manufacturing date | : 24/06/2021 |
| Code No. | AR1003 | Best before | : 06/2023 |

| 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. | 0.17% |
| 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