

## **Certificate of Analysis**

Product: Isopropyl Alcohol 99.8% Item Number: IPAA99 Grade: ACS Lot Number: 5000530/2.1 Manufacture Date: 01/16/2024 Expiration Date: 01/15/2026 Country of Origin: United States

| Tested Property                 | Specification | Analysis |
|---------------------------------|---------------|----------|
| Assay, %                        | Min. 99.5     | 99.98    |
| Color (APHA)                    | Max. 10       | 5        |
| Acidity, meq/g                  | Max. 0.2      | <0.2     |
| Alkalinity, meq/g               | Max. 0.1      | <0.1     |
| Water, %                        | Max. 0.05     | <0.02    |
| Residue after evaporation, ppm  | Max. 5        | <1       |
| Solubility in Water             | To pass test  | Passes   |
| Chloride, ppm                   | Max. 0.2      | <0.1     |
| Phosphate, ppm                  | Max. 0.5      | <0.1     |
| Heavy metals (as Pb), ppm       | Max. 0.2      | <0.1     |
| Arsenic & Antimony (as As), ppm | Max. 0.01     | <0.001   |
| Specific Gravity @ 25°C         | As reported   | 0.783    |
| Specific Gravity @ 20°C         | As reported   | 0.786    |

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