



...Pure Quality

Certificate of Analysis

Product: ACS/HPLC Isopropyl Alcohol
Cat: CP-C9092
Lot: DU796-X
Date of Manufacture: 08/09/2018
Use Before Date: 02/07/2021

Meets ACS Specifications

| <u>Test</u> | <u>Specification</u> | | <u>Result</u> | <u>Units</u> |
|---------------------------------|----------------------|-------------|---------------|--------------|
| | <u>Min.</u> | <u>Max.</u> | | |
| Water by Karl Fischer Titration | | 0.060 | 0.014 | % |
| UV Cutoff | | 205 | 204 | nm |
| Refractive Index (20°C) | 1.3766 | 1.3778 | 1.3772 | |
| Residue | | 3 | <1 | mg/L |
| GC Analysis | 99.9 | | >99.99 | % |
| Solubility in Water | Passes test | | Passes test | |
| Color (APHA) | | 10 | <10 | |
| Titration Acid or Base | | 0.1 | 0.01 | μeq/g |
| Carbonyl Compounds | | 0.002 | <0.002 | % |
| UV Absorbance @ 225 nm | | 0.1600 | 0.1258 | AU |
| UV Absorbance @ 250 nm | | 0.0200 | 0.0150 | AU |
| UV Absorbance @ 300 nm | | 0.0050 | 0.0014 | AU |
| UV Absorbance @ 400 nm | | 0.0050 | 0.0003 | AU |

Quality Control Approval

LIMS Sample No.: AJ02244 8/10/2018
IR Date: 02/07/2021