



ChemPure Brand Chemicals
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Certificate of Analysis

Product: Methanol
Cat: CP-C7142
Lot: DV722-x
Date of Manufacture: 1/10/19
Use Before Date: 1/09/22

Meets ACS Specifications

| <u>Test</u> | <u>Specification</u> | | <u>Result</u> | <u>Units</u> |
|---|----------------------|-------------|---------------|--------------|
| | <u>Min.</u> | <u>Max.</u> | | |
| Appearance | Clear | | Clear | |
| Water by Karl Fischer Titration | | 0.10 | 0.014 | % |
| Residue After Evaporation | | 0.001 | <0.001 | % |
| Assay by GC Analysis | 99.8 | | 99.95 | % |
| Substances Darkened by Sulfuric Acid | Passes test | | Passes test | |
| Substances Reducing Permanganate | Passes test | | Passes test | |
| Color (APHA) | | 10 | <10 | |
| Solubility in Water | Passes test | | Passes test | |
| Titration Acid | | 0.3 | <0.3 | µeq/g |
| Titration Base | | 0.2 | <0.2 | µeq/g |
| Carbonyl Compounds (each of acetone, formaldehyde, and acetaldehyde) | | 0.001 | <0.001 | % |

Quality Control Approval

LIMS Sample No.: AK00101

1/16/2019