



...Pure Quality

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## Certificate of Analysis

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**Product:** Methanol  
**Cat:** CP-E7142  
**Lot:** EE178  
**Date of Manufacture:** 4/17/22  
**Use Before Date:** 4/16/25

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        | 0.018         | %            |
| Residue After Evaporation                         |                      | 0.001       | <0.001        | %            |
| Assay by GC Analysis                              | 99.8                 |             | >99.99        | %            |
| 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                                |                      | 0.001       | <0.001        | %            |
| (each of acetone, formaldehyde, and acetaldehyde) |                      |             |               |              |

Quality Control Approval

*Janna Dickinson*

LIMS Sample No.: AN01492

4/17/2022