



...Pure Quality

---

## Certificate of Analysis

---

**Product:** Toluene  
**Cat:** CP-E4953  
**Lot:** EK542  
**Description:** Lab Plus, ACS Reagent, >99.5%, meets ACS Specifications for General Use  
**Date of Manufacture:** 2025-May-27  
**Use Before Date:** 2028-May-26

| <u>Test</u>                          | <u>Specification</u>    |             | <u>Result</u>           | <u>Units</u> |
|--------------------------------------|-------------------------|-------------|-------------------------|--------------|
|                                      | <u>Min.</u>             | <u>Max.</u> |                         |              |
| Appearance                           | Clear, colorless liquid |             | Clear, colorless liquid |              |
| Water by Karl Fischer Titration      |                         | 0.030       | 0.005                   | %            |
| Residue after Evaporation            |                         | 0.001       | <0.001                  | %            |
| Assay by GC Analysis                 | 99.5                    |             | 99.98                   | %            |
| Color (APHA)                         |                         | 10          | <10                     |              |
| Substances Darkened by Sulfuric Acid | Passes test             |             | Passes test             |              |
| Sulfur Compounds (as S)              |                         | 0.003       | <0.003                  | %            |

Quality Control Approval

LIMS Sample No.: AQ01316  
5/27/2025