

## Certificate of Analysis

**Product: Toluene**  
**Item Number: TOLA**  
**Grade: ACS**  
**Lot Number: 36186**  
**Manufacture Date: 03/31/2023**  
**Expiration Date: 03/31/2025**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Appearance	Clear	Clear
Assay by GC (Corrected for water)	>99.5%	99.91%
Color APHA	Max 10	4
Residue after evaporation	Max 0.001%	Pass
Substance Darkened by H <sub>2</sub> SO <sub>4</sub>	To pass the test	Pass
Sulfur Compounds	Max 0.003%	Pass
Water in volatile solvents	Max 0.03%	0.019%
Density at 25°C	0.856 - 0.873	0.869
Boiling Range	2.0°C inc. 110.6 +/-0.1°C	Pass
Refractive index at 25°C	1.49300 - 1.49600	1.49480

### Toluene

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