

**Product Name:** Methanol, ACS, absolute, low acetone, 99.8+%, Thermo Scientific Chemicals

**Catalog Number:** 031721.AP

**CAS Number:** 67-56-1  
**IUPAC Name:** methanol  
**Molecular Formula:** CH<sub>4</sub>O  
**Molecular Weight:** 32.04  
**InChI Key:** OKKJLVBELUTLKV-UHFFFAOYSA-N  
**SMILES:** CO  
**Synonym:** methanol caswell no. 552 columbian spirits MeOH pyroxylic spirits spirit of wood methanol (substance) epa pesticide chemical code 053801 alcohol, wood bieleski's solution

### Product Specification

**Appearance (Color):** Colorless  
**Residue on Evaporation:** ≤0.001%  
**Solution Test:** in water P.T.  
**Color (APHA):** ≤10  
**Assay (GC):** ≥99.8% ( corrected for water)  
**Free acid (titration):** ≤0.0003meq/g  
**Free base (titration):** ≤0.0002meq/g  
**Impurity content:** Carbonyl compounds: ≤0.001% each of acetone, formaldehyde, and acetaldehyde  
**Impurity content:** Substances darkened by sulfuric acid P.T.  
**Water Content (Karl Fischer Titration):** ≤0.1%  
**Impurity content:** Substances reducing permanganate P.T.

**Date Of Print:** 04/12/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*