

**Product Name:** Formic acid, 97%, Thermo Scientific Chemicals  
**Catalog Number:** A13285.36

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**CAS Number:** 64-18-6  
**IUPAC Name:** formic acid  
**Molecular Formula:** CH<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 46.03  
**InChI Key:** BDAGIHXWWSANSR-UHFFFAOYSA-N  
**SMILES:** OC=O  
**Synonym:** formic acid ameisensäure hcooh acide formique bilorin H-cooh

## Product Specification

**Appearance (Color):** Clear colorless  
**Form:** Liquid  
**Assay from Supplier's CoFA:** ≥96.0% (US Sourced Material)  
**Comment:** Material Sourced in UK and US  
**Refractive Index:** 1.3690-1.3730 @ 20°C (UK Sourced Material)  
**Assay (Aqueous acid-base Titration):** ≥96.0 to ≤104.0% (UK Sourced Material)  
**Water Content (Karl Fischer Titration):** ≤2.0% (UK Sourced Material)  
**Identification (FTIR):** Conforms (UK Sourced Material)

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**Date Of Print:** 05/18/2024

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