

**Product Name:** Ammonium trifluoroacetate, 98%  
**Catalog Number:** H26577.14

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**CAS Number:** 3336-58-1  
**IUPAC Name:** ammonium trifluoroacetic acid  
**Molecular Formula:** C<sub>2</sub>H<sub>5</sub>F<sub>3</sub>NO<sub>2</sub>  
**Molecular Weight:** 132.06  
**InChI Key:** YCNIBOIOWCTRCL-UHFFFAOYSA-O  
**SMILES:** [NH<sub>4</sub><sup>+</sup>].OC(=O)C(F)(F)F  
**Synonym:** ammonium trifluoroacetic acid

### Product Specification

**Appearance (Color):** White to pale cream  
**Form:** Crystals or powder or crystalline powder  
**Identification (FTIR):** Conforms  
**Melting Point (clear melt):** 121-128°C  
**Assay (Non-aqueous acid-base Titration):** ≥97.5 to ≤102.5%  
**Water Content (Karl Fischer Titration):** ≤1.0%

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**Date Of Print:** 04/26/2025

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