

**Product Name:** (R)-(+)-1-Phenylethylamine, 98%  
**Catalog Number:** A10967.22

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**CAS Number:** 3886-69-9  
**IUPAC Name:** 1-phenylethan-1-amine  
**Molecular Formula:** C<sub>8</sub>H<sub>11</sub>N  
**Molecular Weight:** 121.18  
**InChI Key:** RQEUFEKYXDPUK-UHFFFAOYNA-N  
**SMILES:** CC(N)C1=CC=CC=C1  
**Synonym:** (+/-)-α-methylbenzylamine 1-phenethylamine, (+/-)- 1-phenethylamine, (r)-1-phenethylamine, (s)- 1-fenylethylamin sumine 2079 1-phenethylamine, (R)-1-phenethylamine, (S)- 1-phenethylamine 1-phenethylamine, (+)-isomer

## Product Specification

**Appearance (Color):** Clear colorless to pale yellow  
**Form:** Liquid  
**Identification (FTIR):** Conforms  
**Refractive Index:** 1.5245-1.5285 @ 20°C  
**Assay (GC):** ≥97.5%  
**Optical Rotation:** 29.0 ± 1.5° (C=10 in ethanol)

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**Date Of Print:** 07/01/2026

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