

**Product Name:** o-Xylene, 99%  
**Catalog Number:** A11358.0F

---

**CAS Number:** 95-47-6  
**IUPAC Name:** 1,2-xylene  
**Molecular Formula:** C<sub>8</sub>H<sub>10</sub>  
**Molecular Weight:** 106.17  
**InChI Key:** CTQNGGLPUBDAKN-UHFFFAOYSA-N  
**SMILES:** CC1=CC=CC=C1C  
**Synonym:** ortho-xylene o-xylol ccris 905 xylenes (isomer mixture)

## Product Specification

**Appearance (Color):** Clear colorless  
**Form:** Liquid  
**Comment:** Specification differs for U.S. and non-U.S. material where indicated  
**Identification (FTIR):** Conforms (non-U.S. specification)  
**Assay (GC):** ≥98.5%  
**Impurity content:** p-Xylene: <0.4%  
**Refractive Index:** 1.5035-1.5065 @ 20°C (non-U.S. specification)  
**Impurity content:** m-Xylene: <0.6%

---

**Date Of Print:** 06/29/2025

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