

**Product Name:** 1,4-Dioxane, anhydrous, 99.8%, stab. with 1-3ppm BHT, packaged under Argon in resealable ChemSeal™ bottles

**Catalog Number:** 043821.K2

**CAS Number:** 123-91-1

**IUPAC Name:** 1,4-dioxane

**Molecular Formula:** C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>

**Molecular Weight:** 88.11

**InChI Key:** RYHBNJHYFVUHQT-UHFFFAOYSA-N

**SMILES:** C1COCCO1

**Synonym:** dioxane dioxane, technical grade dioxan-1,4 dioxane-1,4 glycol ethylene ether  
1,4-dioxanne glycolethylenether diethylene dioxide dioxan-1,4 diossano-1,4

## Product Specification

**Appearance (Color):** Colorless

**Form:** Liquid

**Assay (GC):** ≥99.8% (Corrected for water)

**Water Content (Karl Fischer Titration):** ≤50 ppm

**Residue on Evaporation:** ≤5 ppm

**Comment:** Inert gas used can be either Argon or Nitrogen

**Date Of Print:** 07/07/2025

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