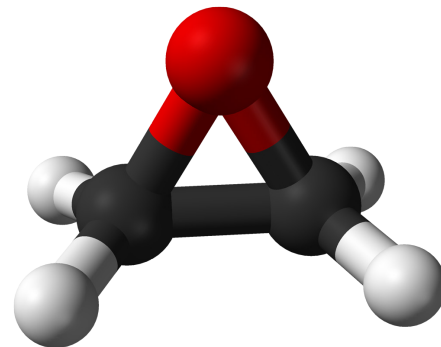


EPA METHOD TO-15 ANALYSIS FOR ETHYLENE OXIDE

Ambient Air • Indoor Air
Fugitive Emissions

Ethylene oxide, a known human carcinogen, is an industrial chemical used as a fumigant and sterilant as well as an intermediate in chemical manufacturing. In 2016 the EPA updated the assigned Ethylene oxide health risk value sparking strong interest in ambient air measurements for Ethylene oxide. Enthalpy Analytical's Ambient Air Group has developed a robust EPA Method TO-15 approach capable of accurately measuring Ethylene oxide down to 10ppt (0.010 ppb). The approach incorporates dedicated ambient air sampling equipment in conjunction with our optimized analytical method to provide accurate defensible data. Capitalize on Enthalpy's analytical experience measuring this emerging contaminant.

**ETHYLENE
OXIDE**
CAS# 75-21-8



More information on ethylene oxide can be found at:
epa.gov/hazardous-air-pollutants-ethylene-oxide

TAILORED SOLUTIONS FOR LOW-LEVEL ETHYLENE OXIDE MONITORING

Enthalpy has been a trusted partner of engineering firms and regulatory agencies conducting ambient air monitoring studies for over 20 years. Whole air samples are collected in blank certified, leak-free canisters and analyzed by GC-MS. We take a comprehensive approach by evaluating your project needs: data objectives and reporting limits are addressed prior to project start and custom report packages with Electronic Data Deliverable (EDD) options are available. We have a national presence, extensive canister inventory, and an unrivaled team of scientists working for you.

LOW-LEVEL AMBIENT SERVICES

Our NELAP accredited laboratories routinely provide analytical support for:

- Fugitive emissions
- Ambient air
- Vapor Intrusion/
soil-gas sampling
(industrial and residential)

CLEANED AND CERTIFIED EQUIPMENT

We have an extensive inventory of sampling canisters available in our low-level laboratories nationwide:

- 1.4L, 3L, 6L and 15L sampling canisters blank certified to ppb levels
- Canister-samplers with adjustable flows for 60-minute to 7-day sampling durations

HIGH SENSITIVITY

Our GC-MS instrumentats are optimized for low-level measurements from ppm to low ppt levels.

Learn more about our ambient air testing capabilities at
www.enthalpy.com/fugitive-emissions-ambient-air-monitoring

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