

Application Data Sheet

No. 108

System Gas Chromatograph

Methanol, Methylformate, and Acetoaldehyde in Propylene Oxide
Nexis GC-2030ALC
GC-2014ALC

This GC is designed to measure methanol, methylformate, and acetoaldehyde in propylene oxide by gas chromatography (GC) FID. A liquid sample is injected by the AOC-20i to start the analysis. The sample is separated by a Gaskuropack 56 column. LabSolutions software handles all aspects of GC control, automation, and data handling.

Analyzer Information

System Configuration:

Two packed columns with two FID detectors

Sample Information:

Methanol, Methylformate, Acetoaldehyde

Concentration Range:

No.	Name of Compound	Concentration Range		Detector
		Low Conc.	High Conc.	
1	Methanol	10ppm	100ppm	FID
2	Methylformate	10ppm	100ppm	FID
3	Acetoaldehyde	10ppm	100ppm	FID

Detection limits may vary depending on the sample. Please contact us for more consultation.

System Features

- 8 minutes analysis for all composition analysis can be carried out
- One FID channel
- Good repeatability

Typical Chromatograms

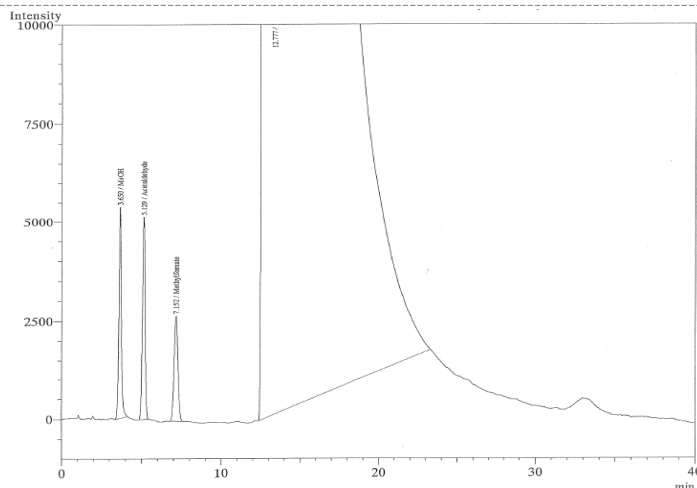


Fig. Chromatogram of FID

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