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Application Data Sheet

No.104

System Gas Chromatograph

Formaldehyde in Propylene Oxide Analysis System

Nexis GC-2030FOR
GC-2014FOR

This GC is designed to measure formaldehyde in propylene oxide within the composition range shown in the specification sheet. Two FIDs are used in this GC system. The liquid sample is injection by AOC-20i to start the analysis. The sample is separated by a Porapak-T column and detected by FID. The system includes LabSolutions workstation software and BTU and Specific Gravity calculation software.

Analyzer Information

System Configuration:
Two packed columns with two FID detectors

Sample Information:
HCHO

Concentration Range:

No.	Name of Compound	Concentration Range		Detector
		Low Conc.	High Conc.	
1	HCHO	10ppm	50ppm	FID

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

System Features

- Versatile software easy GC system operation
- Two FID channels
- Good repeatability

Typical Chromatograms

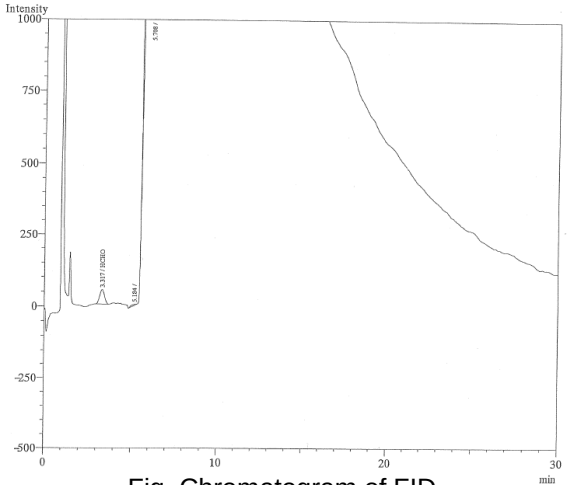

Fig. Chromatogram of FID

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