

Ethanolamines/Glycol Ethers

Tier 3 Procedure

Section Number: 602
Issue Number: 1.5
Original Date: 12-13-91 **Author:** David Avera
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Title: Prepare Glycol Ethers Samples For Gas Chromatograph #'s 8 & 10
References: Glossary Of Equipment Identification (Text # 114)

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602. Preparing Glycol Ethers Samples For Gas Chromatograph #'s 8 And 10.

1.0 Objective:

- 1.1 To ensure consistency among all persons charged with analyzing samples.

2.0 Products:

- 2.1 This procedure is for all glycol ether products with the exception of DF-250.

3.0 Responsibility:

- 3.1 It is the responsibility of the operations personnel to ensure that this procedure is fully complied with.
- 3.2 It is the responsibility of the operations specialist working in the lab on any given day to execute this procedure in a safe and efficient manner.

4.0 Procedure: EB And PM 110 OH And EB And PM 110 Bottoms.

- 4.1 Draw up 1.0cc of sample using a 1.0cc plastic disposable syringe.
- 4.2 Inject the sample into a GC vial.
- 4.3 Cap the vial with an aluminum seal cap using the cap crimper.
- 4.4 Set up the hp 5890 GC using the instructions on the multichrome system.

5.0 Procedure: EB, DB, TBH, PM, DPM, And TPM.

- 5.1 Add 1.0 mls of isopropyl alcohol to a GC vial. This is two pumps on the dispenser.
- 5.2 Draw up 0.4 mls of product
- 5.3 Add product to GC vial and cap. Vial.
- 5.4 Shake vial to mix thoroughly.
- 5.5 Set up hp 5890 GC using instructions on the integrator.

6.0 Revisions:

Revision No. 1	03-11-94	Changed: 602.2, 602.4, 602.4.1, added 602.5, 602.5.1, 602.5.2, 602.5.3, 602.5.4, 602.5.5
Revision No. 2	04-05-94	Changed section 602.2, 4, 5 to reflect current usage.
Revision No. 3	02-24-95	January/Yearly review
Revision No. 4	12-29-95	Yearly Review
Revision No. 5	01-15-98	Revised Section 3.1, 4.4, 5.5