

NOTE NO. 18a - January 27 1987

**DETERMINATION OF TRIAMINIC EXPECTORANT COMPONENTS IN WHOLE HUMAN BLOOD USING AN ISRP GLASS BEAD SAMPLE LOOP**

**Analytes:**

Chromatogram #I: Whole human blood diluted with water (1:250)

Chromatogram #II: Whole human blood diluted with water (1:250) 2 hours after subject took 3 teaspoons of Triaminic expectorant

Chromatogram #III: Triaminic expectorant diluted with water

**Sample Size:** Injecting 2 milliliters

**Column:** Sample loop: 75 micron GFF glass bead ISRP, 1 cm x 3.0 mm ID

**Analytical column:** 5 micron GFF ISRP, 15 cm x 4.6 mm ID

**Regis Product Number:** 731451

**Mobile Phase:** 80% 0.1 M  $\text{KH}_2\text{PO}_4$  (pH 6.8), 20% Acetonitrile (HPLC grade reagents)

**Procedure:** See Application Note No. 18b



**Detection:** 254 nm, 0.02 AUFS

**Flow Rate:** 1.0 ml/min

**Note:** Sample filtered through 0.2 um membrane prior to direct injection

**T.J. Szczerba and D.N. Baehr, Regis Chemical Company,  
8210 Austin Avenue, Morton Grove, IL 60053**