



Solvents & Chemicals

Amines



www.dps-instruments.com

Amines play prominent roles in biochemical systems where they are widely distributed in nature in the form of amino acids, alkaloids, and vitamins. Amines such as epinephrine, thiamin, and Novocaine have pronounced physiological activity. The odor of decaying fish is due to simple amines produced by bacterial action. Amines are used to manufacture many medicinal chemicals, such as sulfa drugs and anesthetics and the important synthetic fiber nylon is also an amine derivative. Because the use amines are critical to so many industries the DPS Amines GC Systems are specifically configured with your application in mind. We use the latest designed high resolution capillary column and the sensitive FID detector to quickly detect these compounds. The Series 600 GC is for analyses in the lab, or use the Portable Companion 1 GC Systems for analyses right where the samples are taken. The fast heating and rapid cooling column oven in every DPS GC vastly increases your sample throughput. The fully integrated Amines GC Analyzer Systems are small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



Series 600 GC

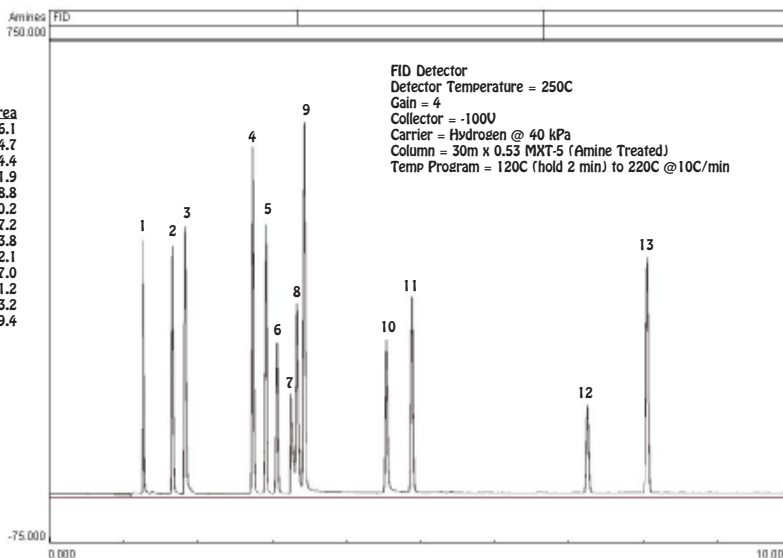
Available Configurations Include:

- 600-C-113 - Series 600 Amines GC Analyzer (FID, 30m)
- 500-C-113 - Companion 1 Portable Amines GC Analyzer (FID, 30m)

Amines & Phenols



Peak	Component	Area
1	Diethylamine	326.1
2	Pyridine	314.7
3	Morpholine	344.4
4	Phenol	391.9
5	Aniline	368.8
6	2-Chlorophenol	240.2
7	Diethylenetriamine	167.2
8	Octylamine	293.8
9	1-Methyl-2-Pyrrolidinone	452.1
10	2-Nitrophenol	267.0
11	2,6-Dimethylaniline	281.2
12	Nicotine	183.2
13	2-Nitroaniline	339.4



Companion 1 Portable GC

11/2015 Specifications may change without notice.