



Pharmaceuticals

Antihistamines



www.dps-instruments.com

Antihistamines are medicines that help stop allergy symptoms such as itchy eyes, sneezing and a runny nose. They work by preventing the effects of a substance called histamine, which is produced by the body in response to an allergic reaction. In some people histamine can also close up air passages of the lungs making breathing difficult. The DPS Antihistamines GC Systems are configured with the latest designed high resolution capillary columns 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 Antihistamines GC Analyzer Systems are small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



Available Configurations Include:

- 600-C-102 - Series 600 Antihistamines GC Analyzer (FID, 30m)
- 500-C-102 - Companion 1 Portable Antihistamines GC Analyzer (FID, 30m)



Series 600 GC

Antihistime Drugs



Companion 1 Portable GC

Peak	Component	Area
1	Phenylpropanolamine	426.9
2	Ephedrine	634.2
3	Pseudoephedrine	618.7
4	Pheniramine	733.9
5	Diphenhydramine	849.1
6	Doxylamine	668.0
7	Phenylephrine	650.2
8	Methapyrilene	703.1
9	Chlorpheniramine	682.3
10	Brompheniramine	637.8
11	Triprolidine	689.1

