

## Determination Of Phenylpropanolamine In Pharmaceutical

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### Determination Of Phenylpropanolamine In Pharmaceutical

Phenylpropanolamine (PPA) hydrochloride used as nasal decongestant agent was determined by second derivative spectrophotom- etry after derivatization with 2-hydroxynaphthaldehyde. The absorbance was measured between minimum-maximum of 386 nm-392 nm. The linear calibration range was obtained within 0.5–2.0 µg/mL.

### Determination of Phenylpropanolamine in Pharmaceutical ...

A convenient HPLC method to determine phenylpropanolamine (PPA) in addition to phenylephrine (PE) and chlorpheniramine (CPA) in commercially available over-the-counter (OTC) preparations has been developed. Sample solutions were prepared by dilution with water or methanol followed by filtration and direct injection into the HPLC system.

### HPLC determination of phenylpropanolamine in ...

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### HPLC determination of phenylpropanolamine in ...

The method was applied to the determination of PPA in pharmaceutical preparations including hard and soft capsules. 8) PPA determination by HPLC-FL using DIB-Cl as a label was developed and applied...

### HPLC determination of phenylpropanolamine in ...

A method is described for the high performance liquid chromatographic (HPLC) determination of phenylpropanolamine (PPA) based on precolumn derivatization with 4-dimethylaminobenzaldehyde (DAB) and elution from phenomenex C-18 column with methanol-water and detection by spectrophotometry at 418 nm.

### HPLC determination of phenylpropanolamine in ...

Determination of phenylpropanolamine hydrochloride and acetaminophen in pharmaceutical preparations by Raman spectroscopy. King TH, Mann CK, Vickers TJ. Phenylpropanolamine hydrochloride and acetaminophen in mixtures have been determined, without prior separation, by Raman spectroscopy. Results are reported for both solution and solid samples.

### Determination of phenylpropanolamine hydrochloride and ...

Some pharmaceutical drugs, when taken together, have also been implicated in the cause of déjà vu. Taiminen and Jääskeläinen (2001) [30] reported the case of an otherwise healthy male who started experiencing intense and recurrent sensations of déjà vu upon taking the drugs amantadine and phenylpropanolamine together to relieve flu symptoms.

### Phenylpropanolamine - Wikipedia

HPLC determination of phenylpropanolamine in pharmaceutical OTC preparations Nakashima, Kenichiro; Kanehara, Saori; Kaddoumi, Amal 2002-10-01 00:00:00 Kenichiro Nakashima\*, Saori Kanehara and Amal Kaddoumi Division of Analytical Research for Pharmacoinformatics, Department of Clinical Pharmacy, Graduate School of Biomedical Sciences, Nagasaki ...

### HPLC determination of phenylpropanolamine in ...

The method is applicable to pharmaceutical products that do not contain other primary or secondary amines. The determination is dependent upon the combined hydroxyl and primary amino moieties. It is postulated that phenylpropanolamine hydrochloride reacts with ninhydrin under the experimental conditions by a mechanism similar to that for amino acids.

### Selective determination of phenylpropanolamine ...

The earlier methods developed for simultaneous determination of Chlorpheniramine Maleate and Phenylpropanolamine Hydrochloride in combined pharmaceutical dosage forms were expensive and time consuming, so these studies may serve as a basis for simultaneous analysis of CPM and PPM in combined pharmaceutical dosage forms having results of good linearity, precision and reproducibility.

### SPECTROPHOTOMETRIC DETERMINATION OF CHLORPHENIRAMINE ...

Determination of phenylpropanolamine hydrochloride as benzaldehyde in pharmaceutical preparations using normal-phase high-performance liquid chromatography P. Taylor, P. D. Braddock and S. Ross, Analyst , 1984, 109 , 619

### Determination of phenylpropanolamine hydrochloride as ...

A convenient HPLC method to determine phenylpropanolamine (PPA) in addition to phenylephrine (PE) and chlorpheniramine (CPA) in commercially available over-the-counter (OTC) preparations has been developed. Sample solutions were prepared by dilution with water or methanol followed by filtration and direct injection into the HPLC system.

### HPLC determination of phenylpropanolamine in pharmaceutical

Analytical procedure has been developed for the gas chromatographic determination of phenylpropanolamine (PPA) using trifluoroacetylacetone (FAA) as derivatizing reagent. Elution is carried out from the column HP-5 (30 m × 0.32 mm i.d.) with film thickness 0.25 µm at initial column temperature 70 °C for 5 min, followed by heating rate 10 °C/min up to 120 °C.

### Capillary gas chromatographic determination of ...

Then a linear gradient up to 95% acetonitrile in 20 min, is applied. The detection limits are 500 ng injected for phenylpropanolamine, 40 and 5 ng for buzeptide and clocinizine, respectively.

### Simultaneous Determination of Buzeptide ...

Background: Early methods for simultaneous determination of Chlorpheniramine Maleate (CPM) and Phenylpropanolamine Hydrochloride (PPM) in combined pharmaceutical dosage forms are expensive and time...

### (PDF) Spectrophotometric determination of Chlorpheniramine ...

Mueller SM "Neurologic complications of phenylpropanolamine use." Neurology 33 (1983): 650-2 Lake CR, Gallant S, Masson E, Miller P "Adverse drug effects attributed to phenylpropanolamine: a review of 142 case reports." Am J Med 89 (1990): 195-208

### Codaine/guaifenesin/phenylpropanolamine Disease ...

Determination of phenylpropanolamine in serum and urine by high-performance liquid chromatography. Authors. R. Dowse, School of Pharmaceutical Sciences, Rhodes University, Grahamstown 6140, South Africa; Search for more papers by this author ...

### Determination of phenylpropanolamine in serum and urine by ...

(HPLC) has been used for the determination of phenyl-propanolamine alone and in pharmaceutical formulations (6-11), but little information has appeared on the HPLC analysis of phenylpropanolamine in biological fluids (12, 13). Endo et al. (12) used a color reaction with sodium [J-naphthoquinone-4-sulfonate after extraction from al-

### Determination of Phenylpropanolamine in Serum and Urine by ...

Lake CR, Gallant S, Masson E, Miller P "Adverse drug effects attributed to phenylpropanolamine: a review of 142 case reports." Am J Med 89 (1990): 195-208 Dietz AJ, Jr "Amphetamine-like reactions to phenylpropanolamine." JAMA 245 (1981): 601-2