

10392 COMPETITIVE PROBLEMS IN THE DRUG INDUSTRY

6505-926-9055 (P. D. No. 3)

Extract the ether solution with 2 x 25 ml portions of 0.01N HCl, collecting the aqueous extracts in a 100 ml volumetric flask. Dilute to volume with 0.01N-HCl.

Colorimetric step.

Into separate 25 ml volumetric flasks, pipet 5.0 ml of sample extract and 5.0 ml of standard dilution. To each flask, add 10.0 ml of 0.01N HCl and 2.0 ml of 1% phenol solution and mix. Add 2.0 of hypobromite solution to each flask, dilute to volume with purified water, and mix. Allow to stand 20 to 25 minutes and then measure the absorbance at 620 nm against purified water.

Calculation:

$$\text{Percent p-Aminophenol} = \frac{A_{620} \text{ sample}}{A_{620} \text{ standard}} \times 0.167$$

Report result to the nearest 0.01 percent.

4.4.1.3 Palatability test. A taste panel consisting of 10 members will be used to determine acceptability of samples. Samples will be prepared for testing (samples will be tested undiluted), coded, and served to panel members under controlled serving conditions, e.g., all samples will be of the same amount, and served at the same temperature; each panel member will receive an equal number of samples; the order of serving will be varied among panel members; an interval of at least five (5) minutes will elapse between successive samples and panel members will rinse their mouths with water (room temperature) after each sample; panel members will test without interference either from each other or from outsiders. The product offered shall be rated equal to or better than the FSN 6505-926-9055 Palatability Standard* when determined by the taste panel, using the following 9-point hedonic rating scale. The average rating of the sample shall be equal to or greater than the average rating of the standard, similarly prepared and tested.

1	2	3	4	5	6	7	8	9
Dislike extremely	Dislike very much	Dislike moder- ately	Dislike slightly	Neither like nor dislike	Like slightly	Like moder- ately	Like very much	Like extremely

*The FSN 6505-926-9055 Palatability Standard is available upon separate request to the contracting officer, Defense Personnel Support Center, Directorate of Medical Materiel.