DEFENSE MEDICAL PURCHASE DESCRIPTION	NUMBER 2	DATE 10 April 1970
FEDERAL STOCK NO.	ITEM IDENTIFICATION	UNIT
6505-890-2218	ALUMINUM HYDROXIDE GEL, MAGNESIUM HYDROXIDE, AND SIMETHICONE SUSPENSION, 5 fl oz (148 cc)	Bottle

1. SCOPE

1.1 This specification covers Aluminum Hydroxide Gel, Magnesium Hydroxide, and Simethicone Suspension.

2. APPLICABLE DOCUMENTS

2.1 Specifications and standards. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposals of the specifications and standards referenced in the body of this specification shall apply to the extent specified herein. These documents may be obtained as directed by the contracting officer.

3. REQUIREMENTS

3.1 Material. Shall contain the following ingredients in each 5 cc, in addition to suitable flavoring and preservative agents:

Aluminum Hydroxide Gel - - approximately 200 mg
Magnesium Hydroxide - - approximately 200 mg
Simethicone- - - - - - - approximately 20 mg

The actual amounts of the above ingredients may vary, depending upon the aluminum, magnesium, and silicon assays (see 3.3) in the respective ingredient. The aluminum hydroxide gel and the magnesium hydroxide are not the official U.S.P. or N.F. preparations.

3.2 Description. The finished suspension shall be a white, homogeneous, oral suspension with a pleasant odor and a pleasant and palatable taste.

3.3 Assay.

3.3.1 Aluminum content. The aluminum content in each 5 cc of finished suspension shall be not less than 50.3 mg and not more than 60.0 mg, when determined as specified in 4.3.1.

3.3.2 Magnesium content. The magnesium content in each 5 cc of finished suspension shall be not less than 77.6 mg and not more than 97.6 mg, when determined as specified in 4.3.2.

3.3.3 Silicon content. The silicon content in each 5 cc of finished suspension shall be not less than 5.82 mg and not more than 8.72 mg, when determined by a suitable, accurate, and reproducible method.