3.4 pH. The pH of the finished suspension shall be not less than 7.50 and not more than 8.00 when determined potentiometrically at 25° C., using the U.S.P. method.

3.5 Viscosity. The finished suspension shall have a viscosity of not less than 492 centipoises (cps) and not more than 1002 cps, when determined at 25° C., using a Brookfield Viscometer, Model LVF, with a No. 2 spindle, and a speed of 12 revolutions per minute (r.p.m.). The use of another suitable instrument giving comparable results is permitted.

3.6 Specific gravity. The finished suspension shall have a specific gravity of not less than 1.060 and not more than 1.120 when determined as at 25° C., using a pycnometer.

3.7 Acid-consuming capacity. The finished suspension shall have an acid-consuming capacity of not less than 115 ml of 0.1N hydrochloric acid per 5 cc, when determined as specified in 4.3.3.

3.8 Bacteria and mold content. The finished suspension shall comply with the following:

3.8.1 Total bacteria count. The total bacteria count in 1 ml of finished suspension shall not exceed 50 colonies at the end of the incubation period, when tested as specified in 4.3.4.

3.8.2 Mold content. No molds shall be present at the end of the incubation period when tested for mold content as specified in 4.3.5.

3.9 Defoaming action. The collapse time for the foam shall not exceed 45 seconds when determined as specified in 4.3.6.

3.10 Palatability and flavor. The suspension shall be lemon-mint flavored, and shall be palatable and pleasant to the taste with no unpleasant aftertaste. Not later than the time specified for opening of bids or receipt of proposals, the offeror shall submit to the contracting officer six (6) individually packaged samples (each containing 5 fl oz) of finished suspension, representative of the product which the offeror proposes to furnish. Two (2) samples will be subjected to panel testing for a determination of palatability (see 4.3.7 Palatability Test). The remaining samples will be used by cognizant Government inspection and quality assurance activities for determining compliance of supplies furnished hereunder with the palatability requirement. Approval as to palatability of any sample submitted by the offeror will not constitute approval of the sample as to any other requirement of this specification. The requirement for submission of samples for use in determining compliance with the palatability requirement may be waived, provided the offeror states, in his bid or proposal, that the product he proposes to furnish is the same product he has offered to the purchasing activity on a previous procurement and the contracting officer determines that such product was previously procured and/or tested by the purchasing activity and found to comply with the palatability requirement.