constituents in incorrect amounts, and such a solution may have impaired efficacy and/or taste.

It has been known for certain medical products containing orange flavourings to become lumpy or for the orange taste to decrease to below the desired level in 6 month stability tests such that only short shelf-lives are achieved. This stability problem is a particular issue for products comprising polyethylene glycol and electrolytes. For example, Laxido Orange is a constipation treatment marketed by Galen Limited (see http://www.galen.co.uk) that contains 13.125g PEG 3350, 350.7mg sodium chloride, 178.5mg sodium hydrogen carbonate, 46.6mg potassium chloride, acesulfame potassium and orange flavouring (containing glucose), and is supplied as a dry powder. For use, the powder is made up to 125ml with water. It has been found that samples of Laxido Orange dry powder do not perform well in 3 and 6 month stability tests. In samples (in their sachet packaging as sold) stored at 25°C and 60% relative humidity, and in samples stored at 40°C and 75% relative humidity, for 3 or 6 months, the originally white powder becomes off-white and develops small lumps. The person skilled in the art would thus be deterred from developing orange flavoured compositions of PEG and electrolytes.

Summary

In one aspect, the present invention refers to a dry composition for admixture with water, wherein the composition is optionally presented in two or more parts and comprises, per litre of solution to be made, the following components:

(a) 85 to 115 g polyethylene glycol (PEG) having an average molecular weight of 2500 to 4500 Da;

(b) 6 to 9 g sodium sulphate;

(c) 2 to 3 g sodium chloride;

(d) 0.5 to 1.5 g potassium chloride;

(e) 5 to 15 g of an organic acid component; and

(f) orange flavouring comprising maltodextrin in an amount of 35 to 90% by weight of the flavouring.

In another aspect, the present invention refers to an aqueous solution comprising water and:

(a) 85 to 115 g/l polyethylene glycol (PEG) having an average molecular weight of 2500 to 4500 Da;

(b) 6 to 9 g/l sodium sulphate;

(c) 2 to 3 g/l sodium chloride;

(d) 0.5 to 1.5 g/l potassium chloride;

(e) 5 to 15 g/l of an organic acid component; and

(f) orange flavouring comprising maltodextrin in an amount of 35 to 90% by weight of the flavouring.

In yet another aspect, the present invention refers to a kit that provides the components of a composition as disclosed herein in two or more parts.

In a further aspect, the present invention refers to a unit dose composition for admixture with water, wherein the composition is optionally presented in two or more parts and comprises the following components:

(a) 85 to 115 g polyethylene glycol (PEG) having an average molecular weight of 2500 to 4500 Da;

(b) 6 to 9 g sodium sulphate;

(c) 2 to 3 g sodium chloride;

(d) 0.5 to 1.5 g potassium chloride;

(e) 5 to 15 g of an organic acid component; and

(f) orange flavouring comprising maltodextrin in an amount of 35 to 90% by weight of the flavouring.

In yet another aspect, the present invention refers to the use of a colon cleansing solution comprising:

(a) 85 to 115 g/l polyethylene glycol (PEG) having an average molecular weight of 2500 to 4500 Da;

(b) 6 to 9 g/l of sodium sulphate;

(c) 2 to 3 g/l sodium chloride;

(d) 0.5 to 1.5 g/l potassium chloride;

(e) 5 to 15 g/l of an organic acid component; and

(f) orange flavouring comprising maltodextrin in an amount of 35 to 90% by weight of the flavouring;

in the preparation of a medicament for cleansing the colon of a subject, wherein said medicament is to be administered orally.

In another aspect, the present invention refers to a dry powder composition comprising PEG and an orange flavouring comprising maltodextrin in an amount of 35 to 90% by weight of the flavouring, which composition (i) is free from glucose and (ii) is free-flowing and free from lumps after 3 months of storage at 25°C and 60% relative humidity.

Detailed Description

Surprisingly, it has now been found by the current inventors that when the flavouring in sachet A of the MOVIPREP composition is orange (instead of lemon), despite the fact that this comprises a mixture of PEG and electrolytes, the composition of sachet A passes all physical stability tests over 24 months, including, for example, remaining free-flowing and substantially free from lumps. It has also been found that solutions prepared from the contents of sachets A and B of the MOVIPREP product in which the flavouring in sachet A is orange (instead of lemon) are stable over a period of 24 hours in solution stability tests, including after storage for 12 months.

The current inventors have found that orange flavoured compositions have improved taste and acceptable storage stability.

Accordingly, the present invention provides a dry composition for admixture with water, comprising, per litre of solution to be made, the following components: