WHAT IS CLAIMED:

1. A liquid composition comprising racecadotril and cyclodextrin.

2. The composition of claim 1, wherein the racecadotril is an RS racemic form or R form.

3. The composition of claim 1, wherein the racecadotril is present in an amount of from about 0.10 grams to about 0.30 grams per 100 ml of the liquid composition.

4. The composition of claim 1, wherein the cyclodextrin is alpha-cyclodextrin, beta-cyclodextrin, gamma-cyclodextrin, hydroxypropyl-beta-cyclodextrin, hydroxypropyl-gamma-cyclodextrin, or mixtures thereof.

5. The composition of claim 1, wherein the cyclodextrin is present in an amount of from about 40 wt.% to about 65 wt.% per 100 ml of the liquid composition.

6. The composition of claim 1, further comprising an optional ingredient selected from the group consisting of buffers, preservatives, sweeteners, viscosity modifiers, colors, aromas, flavors, and mixtures thereof.

7. The composition of claim 6, wherein the buffer is a citrate, an acetate, a phosphate, or mixtures thereof.

8. The composition of claim 6, wherein the sweetener is sorbitol, high fructose corn syrup, sucralose, aspartame, saccharine, sucrose, or mixtures thereof.

9. The composition of claim 6, wherein the preservative is sodium benzoate, potassium benzoate, propyl paraben, methyl paraben, butyl paraben, or mixtures thereof.

10. The composition of claim 1, wherein the cyclodextrin is a sulfobutyl ether derivative of

β-cyclodextrin.

11. A dosage form comprising the composition of claim 1, wherein the dosage form is a liquid oral dosage form, a soft shell solid dosage form, a hard shell solid dosage form or a tablet dosage form.

12. The composition of claim 1, further comprising a second active ingredient that is a digestive health active ingredient.

13. The composition of claim 1, wherein the composition is delivered orally.

14. The composition of claim 1, wherein the composition is a liquid oral dosage form.

15. A liquid composition comprising racecadotril, wherein the liquid composition has a pH of from about 3 to about 5 at 25°C.

16. A dosage form comprising the composition of claim 15, wherein the dosage form is a liquid oral dosage form, a soft shell solid dosage form, a hard shell solid dosage form or a tablet dosage form.

17. The composition of claim 15, further comprising a second active ingredient that is a digestive health active ingredient.

18. A liquid composition comprising:
about 0.1 wt.% to about 0.3 wt.% racecadotril;
about 6 wt.% to about 8 wt.% cyclodextrin;
about 16 wt.% to about 19 wt.% sorbitol;
about 45 wt.% to about 55 wt.% high fructose corn syrup;
about 0.1 wt.% to about 0.4 wt.% sodium chloride;
about 0.1 wt.% to about 0.8 wt.% polyethylene glycol;

about 15 wt.% to about 30 wt.% water; and

about 0 wt.% to about 0.5 wt.% flavor,

wherein each wt.% is based upon 100 ml of the composition.

19. The composition of claim 18, wherein the cyclodextrin is a sulfobutyl ether derivative of β-cyclodextrin, alpha-cyclodextrin, beta-cyclodextrin, gamma-cyclodextrin, hydroxypropyl-beta-cyclodextrin, hydroxypropyl-gamma-cyclodextrin, or mixtures thereof.

20. A method for treating a subject experiencing diarrhea, comprising the step of orally administering to the subject a composition comprising racecadotril and cyclodextrin.

Claims:

1. A liquid composition comprising racecadotril and a sulfobutyl ether derivative of β-cyclodextrin;

wherein the racecadotril is present in an amount of from about 0.10 grams to about 0.30 grams per 100 ml of the liquid composition;

wherein the cyclodextrin is present in an amount of from about 5 grams to about 50 grams per 100 ml of the liquid composition;

further comprising a buffer selected from the group consisting of a citrate, an acetate, a phosphate, and mixtures thereof;

wherein chemical degradant products of racecadotril in the liquid composition are less than about 10% when stored at 3 months and 40°C.

2. The composition of claim 1, wherein the racecadotril is an RS racemic form or an R form.

3. The composition of claim 1, wherein the composition comprises a sweetener selected from the group consisting of sorbitol, high fructose corn syrup, sucralose, aspartame, saccharine, sucrose, and mixtures thereof.

4. The composition of claim1, wherein the composition comprises a preservative selected from the group consisting of sodium benzoate, potassium benzoate, propyl paraben, methyl paraben, butyl paraben, and mixtures thereof.

5. A dosage form, wherein the dosage form, comprises the composition of claim 1 delivered via a soft shell solid dosage form, a hard shell solid dosage form or a tablet dosage form.

6. The composition of claim 1, further comprising a second active ingredient that is a digestive health active ingredient.

7. The composition of claim 1, wherein the composition is delivered orally.

8. The composition of claim 1, wherein the composition has a pH of from about 3 to about 5 at 25°C.

9. A dosage form, wherein the dosage form comprises the composition of claim 8 delivered via a soft shell solid dosage form, a hard shell solid dosage form or a tablet dosage form.

10. The composition of claim 8, further comprising a second active ingredient that is a digestive health active ingredient.

11. A liquid composition comprising:

about 0.1 wt.% to about 0.3 wt.% racecadotril;

about 6 wt.% to about 8 wt.% a sulfobutyl ether derivative of β-cyclodextrin;

about 16 wt.% to about 19 wt.% sorbitol;

about 45 wt.% to about 55 wt.% high fructose corn syrup;

about 0.1 wt.% to about 0.4 wt.% sodium chloride;

about 0.1 wt.% to about 0.8 wt.% polyethylene glycol;

about 15 wt.% to about 30 wt.% water; and

about 0 wt.% to about 0.5 wt.% flavor,

wherein each wt.% is based upon 100 ml of the composition.

12. The composition of claim 6, wherein the digestive health active ingredient is simethicone.

13. The composition of claim 10, wherein the digestive health active ingredient is simethicone.

14. The composition of claim 6, wherein the digestive health active ingredient is loperamide.

15. The composition of claim 10, wherein the digestive health active ingredient is loperamide.

16. The composition of claim 1, wherein the racecadotril is present in an amount of from about 0.25 grams per 100 ml of the composition.

17. The composition of claim 1, wherein the cyclodextrin is present in an amount of about 7 grams per 100 ml of the composition.