11. The process of Claim 10, wherein the process further comprises adding hydrochloric acid before said removing at least a portion of the salt.

12. The process of any one of Claims 9-11, wherein isolating L-ornithine benzoate comprises crystallizing L-ornithine benzoate from said intermediate solution.

13. The process of any one of Claims 1-12, wherein the base is selected from the group consisting of an alkali metal hydroxide and an alkali metal alkoxide.

~~14.The process of any one of Claims 1-13, further comprising forming L-ornithine benzoate, wherein forming L-ornithine benzoate comprises intermixing an L-ornithine salt, a benzoate salt and a second solvent to form an intermediate solution.~~

~~15.~~14. The process of any one of Claims 1-~~14~~13, wherein said composition comprises at least 0.10% by weight benzoate salt.

~~16.~~15. The process of any one of Claims 1-~~15~~14, wherein said composition comprises no more than 5% by weight benzoate salt.

~~17.~~16. The process of Claim ~~16~~15, wherein said composition comprises no more than 3% by weight benzoate salt.

~~18.~~17. The process of Claim ~~17~~16, wherein said composition comprises no more than 1% by weight benzoate salt.

~~19.~~18. The process of any one of Claims 14-~~18~~17, wherein the L-ornithine salt is L-ornithine hydrochloride.

~~20.~~19. The process of any one of Claims 14-~~19~~18, wherein the benzoate salt is silver benzoate.

~~21.~~20. The process of Claim ~~20~~19, wherein said composition further comprises at least 10 ppm silver.

~~22.~~21. The process of Claim ~~21~~20, wherein said composition comprises at least 20 ppm silver.

~~23.~~22. The process of Claim ~~22~~21, wherein said composition comprises at least 25 ppm silver.

~~24.~~23. The process of any one of Claims 1-~~23~~22, wherein said composition comprises no more than 600 ppm silver.

~~25.~~24. The process of Claim ~~24~~23, wherein said composition comprises no more than 100 ppm silver.

~~26.~~25. The process of Claim ~~25~~24, wherein the composition comprises no more than 65 ppm silver.

~~27.~~26. The process of any one of Claims 1-~~26~~25, wherein the phenyl acetate salt is an alkali metal salt.

~~28.~~27. The process of Claim ~~27~~26, wherein the alkali metal salt is sodium phenyl acetate.

~~29.~~28. The process of Claim ~~28~~27, wherein said composition comprises no more than 100 ppm sodium.

~~30.~~29. The process of Claim ~~29~~28, wherein said composition comprises no more than 20 ppm sodium.

~~31.~~30. The process of any one of Claims 1-~~30~~29, wherein the composition comprises no more than 0.1% by weight chloride.

~~32.~~31. The process of Claim ~~31~~30, wherein the composition comprises no more than 0.01% by weight chloride.

~~33.~~32. The process of any one of Claims 1-~~32~~31, wherein the composition comprises a crystalline form exhibiting an X-ray powder diffraction pattern comprising at least one characteristic peak, wherein said characteristic peak is selected from the group consisting of approximately 6.0°, 13.9°, 14.8°, 17.1°, 17.8° and 24.1° 2θ.

~~34.~~33. A process for making L-ornithine phenyl acetate salt comprising:

intermixing an L-ornithine salt, silver phenyl acetate and a solvent to form a solution;

adding hydrochloric acid to the solution; and

isolating a composition comprising L-ornithine phenyl acetate from said solution.

~~35.~~34. The process of Claim ~~34~~33, wherein the L-ornithine salt is a halide salt.

~~36.~~35. The process of Claim ~~35~~34, wherein the L-ornithine salt is L-ornithine hydrochloride.

~~37.~~36. The process of Claim ~~35~~34, wherein the L-ornithine salt is not L-ornithine hydrochloride.

~~38.~~37. The process of any one of Claims ~~34~~33-~~37~~36, wherein said composition further comprises at least 10 ppm silver.

~~39.~~38. The process of Claim ~~38~~37, wherein said composition comprises at least 20 ppm silver.

~~40.~~39. The process of Claim ~~38~~37, wherein said composition comprises at least 25 ppm silver.

~~41.~~40. The process of any one of Claims ~~34~~33-~~40~~39, wherein said composition comprises no more than 600 ppm silver.

~~42.~~41. The process of Claim ~~41~~40, wherein said composition comprises no more than 100 ppm silver.

~~43.~~42. The process of Claim ~~41~~40, wherein the composition comprises no more than 65 ppm silver.

~~44.~~43. The process of any one of Claims ~~34~~33-~~43~~42, wherein said composition comprises no more than 100 ppm sodium.

~~45.~~44. The process of Claim ~~44~~43, wherein said composition comprises no more than 20 ppm sodium.

~~46.~~45. The process of any one of Claims ~~34~~33-~~45~~44, wherein the composition comprises no more than 0.1% by weight chloride.

~~47.~~46. The process of any one of Claims ~~34~~33-~~46~~45, wherein the composition comprises no more than 0.01% by weight chloride.

~~48.~~47. The process of any one of Claims ~~34~~33-~~47~~46, wherein the composition comprises a crystalline form exhibiting an X-ray powder diffraction pattern comprising at least one characteristic peak, wherein said characteristic peak is selected from the group consisting of approximately 6.0°, 13.9°, 14.8°, 17.1°, 17.8° and 24.1° 2θ.