§ 582.3845

(c) Limitations, restrictions, or explanation. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice, except that it is not used in meats or in food recognized as source of vitamin B₁.

§ 582.3845 Stannous chloride.

- (a) Product. Stannous chloride.
- (b) *Tolerance*. This substance is generally recognized as safe for use at a level not exceeding 0.0015 percent calculated as tin in accordance with good manufacturing or feeding practice.

§ 582.3862 Sulfur dioxide.

- (a) Product. Sulfur dioxide.
- (b) [Reserved]
- (c) Limitations, restrictions, or explanation. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice, except that it is not used in meats or in food recognized as source of vitamin B₁.

§ 582.3890 Tocopherols.

- (a) Product. Tocopherols.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

Subpart E—Emulsifying Agents

§ 582.4101 Diacetyl tartaric acid esters of mono- and diglycerides of edible fats or oils, or edible fat-forming fatty acids.

- (a) *Product.* Diacetyl tartaric acid esters of mono- and diglycerides of edible fats or oils, or edible fat-forming fatty acids.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.4505 Mono- and diglycerides of edible fats or oils, or edible fat-forming acids.

- (a) *Product*. Mono- and diglycerides of edible fats or oils, or edible fat-forming
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.4521 Monosodium phosphate derivatives of mono- and diglycerides of edible fats or oils, or edible fatforming fatty acids.

- (a) *Product*. Monosodium phosphate derivatives of mono- and diglycerides of edible fats or oils, or edible fat-forming fatty acids.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.4666 Propylene glycol.

- (a) Product. Propylene glycol.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

Subpart F—Nutrients and/or Dietary Supplements ¹

§582.5013 Ascorbic acid.

- (a) Product. Ascorbic acid.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§582.5017 Aspartic acid.

- (a) *Product*. Aspartic acid (L- and DL-forms).
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.5049 Aminoacetic acid.

- (a) Product. Glycine (aminoacetic acid).
- (b) [Reserved]
- (c) Limitations, restrictions, or explanation. This substance is generally recognized as safe when used in animal feeds in accordance with good manufacturing or feeding practice.

§ 582.5065 Linoleic acid.

- (a) *Product*. Linoleic acid prepared from edible fats and oils and free from chick-edema factor.
- (b) Conditions of use. This substance is generally recognized as safe when

¹Amino acids listed in this subpart may be free hydrochloride salt, hydrated, or anhydrous form, where applicable.

§582.5271

used in accordance with good manufacturing or feeding practice.

§ 582.5118 Alanine.

- (a) Product. Alanine (L- and DL-forms).
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.5145 Arginine.

- (a) Product. Arginine (L- and DL-forms).
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.5159 Biotin.

- (a) Product. Biotin.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§582.5191 Calcium carbonate.

- (a) Product. Calcium carbonate.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§582.5195 Calcium citrate.

- (a) Product. Calcium citrate.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§582.5201 Calcium glycerophosphate.

- (a) *Product*. Calcium glycerophosphate.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§582.5210 Calcium oxide.

- (a) Product. Calcium oxide.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

$\S\,582.5212 \quad Calcium\ pant other ate.$

(a) Product. Calcium pantothenate.

(b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.5217 Calcium phosphate.

- (a) *Product*. Calcium phosphate (mono-, di-, and tribasic).
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§582.5223 Calcium pyrophosphate.

- (a) Product. Calcium pyrophosphate.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§582.5230 Calcium sulfate.

- (a) Product. Calcium sulfate.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.5245 Carotene.

- (a) Product. Carotene.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§582.5250 Choline bitartrate.

- (a) Product. Choline bitartrate.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.5252 Choline chloride.

- (a) Product. Choline chloride.
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.5260 Copper gluconate.

- (a) Product. Copper gluconate.
- (b) *Tolerance*. This substance is generally recognized as safe for use at a level not exceeding 0.005 percent in accordance with good manufacturing or feeding practice.

§ 582.5271 Cysteine.

(a) Product. Cysteine (L-forms).