§ 582.5250

§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.

$\S 582.5260$ 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).
- (b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.5273 Cystine.

- (a) *Product*. Cystine (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.

§582.5301 Ferric phosphate.

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

§ 582.5304 Ferric pyrophosphate.

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

§ 582.5306 Ferric sodium pyrophosphate.

- (a) *Product*. Ferric sodium pyrophosphate.
- (b) Conditions of use. This substance is generally recognized as safe when

used in accordance with good manufacturing or feeding practice.

§582.5308 Ferrous gluconate.

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

§582.5311 Ferrous lactate.

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

§ 582.5315 Ferrous sulfate.

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

§ 582.5361 Histidine.

- (a) Product. Histidine (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.

§ 582.5370 Inositol.

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

§ 582.5375 Iron reduced.

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

§ 582.5381 Isoleucine.

- (a) *Product*. Isoleucine (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.

§ 582.5406 Leucine.

(a) *Product*. Leucine (L- and DL-forms).

Food and Drug Administration, HHS

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

§582.5411 Lysine.

- (a) Product. Lysine (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.

§ 582.5431 Magnesium oxide.

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

§ 582.5434 Magnesium phosphate.

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

§ 582.5443 Magnesium sulfate.

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

$\S 582.5446$ Manganese chloride.

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

§582.5449 Manganese citrate.

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

§ 582.5452 Manganese gluconate.

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

§ 582.5455 Manganese glycerophosphate.

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

§ 582.5458 Manganese hypophosphite.

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

§ 582.5461 Manganese sulfate.

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

§ 582.5464 Manganous oxide.

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

§ 582.5470 Mannitol.

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

§ 582.5475 Methionine.

- (a) Product. Methionine.
- (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.

§ 582.5477 Methionine hydroxy analog and its calcium salts.

- (a) *Product*. Methionine hydroxy analog and its calcium salts.
 - (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.