Food and Drug Administration, HHS

§ 74.3045 [Phthalocyaninato(2-)] copper.

(a) **Identity.** The color additive is [phthalocyaninato(2-)] copper (CAS Reg. No. 147–14–8) having the structure shown in Colour Index No. 74160.

(b) **Specifications.** The color additive [phthalocyaninato(2-)] copper shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by current good manufacturing practice:

- Volatile matter 135 °C (275 °F), not more than 0.3 percent.
- Salt content (as NaCl), not more than 0.3 percent.
- Alcohol soluble matter, not more than 0.5 percent.
- Organic chlorine, not more than 0.5 percent.
- Aromatic amines, not more than 0.05 percent.
- Lead (as Pb), not more than 40 parts per million.
- Arsenic (as As), not more than 3 parts per million.
- Mercury (as Hg), not more than 1 part per million.
- Total color, not less than 98.5 percent.