

## Hemin

Cat. No. CEFX-335

Lot. No. (See product label)

### Introduction

**Description** Hemin is a compound of iron porphyrin composed of four porphyrin rings and one divalent iron atom, molecular formula  $C_{34}H_{32}ClFeN_4O_4$ , molecular weight 651.96, extracted from pig's blood. It is recognized by modern medicine as a biological iron source with high absorption rate and good effect in the prevention and treatment of iron-deficiency anemia, with no iron-fishy smell and no stimulation of the stomach and intestines.

**Applications** It is the preferred raw material for the production of natural iron supplement food, medicine, health care products and cosmetics.

### Product Information

**Source** Pig blood

**Appearance** Dark brown crystalline powder

**Molecular Formula**  $C_{34}H_{32}ClFeN_4O_4$

**Molecular Weight** 651.95

**Purity** 92-98%

**Solubility** Insoluble in water, acetic acid. Soluble in dilute sodium hydroxide solution and dilute ammonia. Hydroxyferroheme is generated in sodium hydroxide solution.

### Usage and Packaging

**Package** 10 kg/bag

### Storage and Shipping Information

**Storage** The product may be stored for at least 24 months from the date of manufacture in its sealed container under normal temperatures in a dry and enclosed environment.