

# Herbal Medicines Compendium

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## Trigonella foenum-graecum Seed 4-Hydroxyisoleucine Powdered Extract Proposed For Comment Version 0.2

### *Trigonella foenum-graecum* Seed 4-Hydroxyisoleucine Powdered Extract

#### DEFINITION

The article is a fraction of an extract of the dried ripe seeds of *Trigonella foenum-graecum* L. (Family Fabaceae). The extract is prepared using hydroalcoholic mixtures then further enriched in 4-hydroxyisoleucine using suitable means. It contains NLT 90.0% and NMT 110.0% of the labeled amount of 4-hydroxyisoleucine, calculated on the anhydrous basis.

#### POTENTIAL CONFOUNDING MATERIALS

None known

#### CONSTITUENTS OF INTEREST

**Amino acids:** 4-Hydroxyisoleucine, 4-hydroxyisoleucine lactone, arginine, histidine, and lysine

#### IDENTIFICATION

- Thin-Layer Chromatography—Amino Acids Profile

**Standard solution A:** 0.5 mg/mL of USP 4-Hydroxyisoleucine RS in...

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