

Chem-Impex International, Inc.

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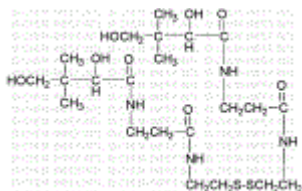
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

| | |
|--------------------------|--|
| Catalogue Number | 00240 |
| Product | D-Pantethine syrup Bis(N-pantothenylamidoethyl) disulfide |
| CAS Number | 16816-67-4 |
| Molecular Formula | C ₂₂ H ₄₂ N ₄ O ₈ S ₂ |
| Molecular Weight | 554.7 |

| | |
|------------------------------------|---|
| Appearance | Colorless to pale yellow viscous liquid |
| Heavy Metals | ≤ 10 ppm |
| Cation | Arsenic (As) : ≤ 1 ppm Cadmium : ≤ 16 ppb Lead : ≤ 15 ppb Mercury : ≤ 18 ppb |
| Water Content (Karl Fisher) | 18 - 22% |
| Optical Rotation | [α] ²⁰ _D = 15 - 18 ° |
| Salmonella | Negative |
| Staphylococcus Aureus | Negative |
| Related Substances | ≤ 2% |
| Residue On Ignition | ≤ 0.1% |
| Assay (anhydrous basis) | 98 - 101% |
| Grade | Meet JP specification |
| Storage | Store at 0 - 8 °C |
| Additional Information | Identification : Blue-purple color is produced (Cupric Sulfate) Red-purple color is produced (Sodium Nitroprusside and Ferric Chloride) SH Compound : Not detected |

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For Laboratory Use Only