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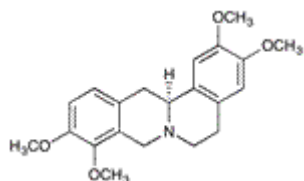
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	32539
Product	(-)-Tetrahydropalmatine L-Tetrahydropalmatine Rotundine
CAS Number	483-14-7
Molecular Formula	C ₂₁ H ₂₅ NO ₄
Molecular Weight	355.43

Appearance	Light yellow green to white crystal
Clarity & Color	Between 0.5 - 1.0, light than No. 4
Odor	Odorless
Melting Point	140 - 144 °C
Heavy Metals	≤ 10 ppm
Cation	Lead (Pb) : ≤ 1 ppm Arsenic (As) : ≤ 2 ppm, Mercury (Hg) : ≤ 0.1 ppm Cadmium (Cd) : ≤ 1 ppm
Yeast and Mold	≤ 100 cfu/g
Optical Rotation	[α] _D ²⁰ = -290 to -300 °
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 5% (100 °C, 2.5 h)
E. Coli	Negative/g
Microbial Count	≤ 1000 cfu/g
Salmonella	Negative/g
Related Substances	Related impurities : ≤ 0.5%
Residue On Ignition	≤ 0.1%
Purity by HPLC	≥ 98% (On dry basis)
Storage	Store at 2 - 8 °C
Additional Information	Absorbility : 150 - 160 Other alkaloid : Color of the pick should not darker than that of the reference solution

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For Laboratory Use Only