

CERTIFICATE OF ANALYSIS

Catalog Number: 06-1256

Product Name: **TETRAHYDROBERBERINE**
(±)-Canadine; (±)-Tetrahydroberberine; dl-Canadine; dl-Tetrahydroberberine)

CAS Number: [522-97-4]

Lot Number: 2001376

Chemical Formula: C₂₀H₂₁NO₄

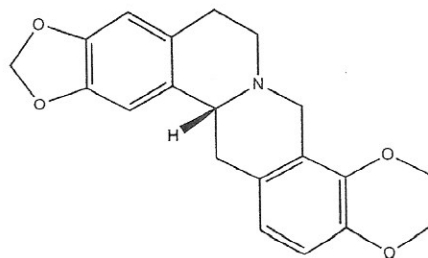
Molecular Weight: 339.39

Appearance: Pale yellow crystals

Loss on Drying: 1.4%

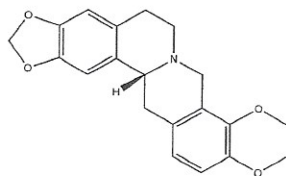
Storage: Store in a cool, dry place. Protect from light.

Purity(HPLC): 98.49%



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Ramesh Mandadi
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Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP

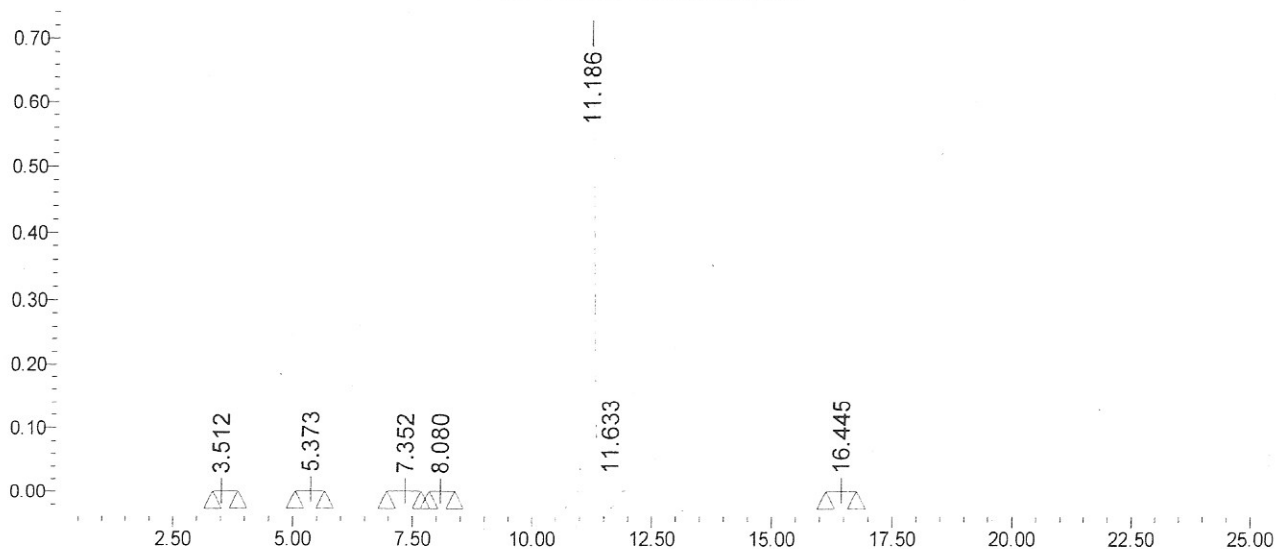


HPLC ANALYSIS

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 Lot No.: 2001376

SAMPLE INFORMATION			
Sample Name:	Tetrahydroberberine	Acquired By:	prf01
Sample Type:		Sample Set Name:	
Vial:	8	Acq. Method Set:	Tetrahydroberberine
Injection #:	1	Processing Method:	sample
Injection Volume:	5.00 ul	Channel Name:	285.0
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 285.0

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP	USP
1	3.512	10828	0.13	954	6241.55
2	5.373	30215	0.38	3621	6.35 9521.32
3	7.352	18784	0.23	1175	6.52 2284.02
4	8.080	11456	0.14	782	1.56 9950.18
5	11.186	7927207	98.49	710095	7.49 22893.41
6	11.633	24027	0.30	1888	1.49
7	16.445	26463	0.33	1970	14.36 30441.97