

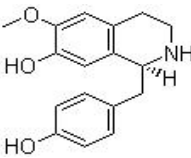
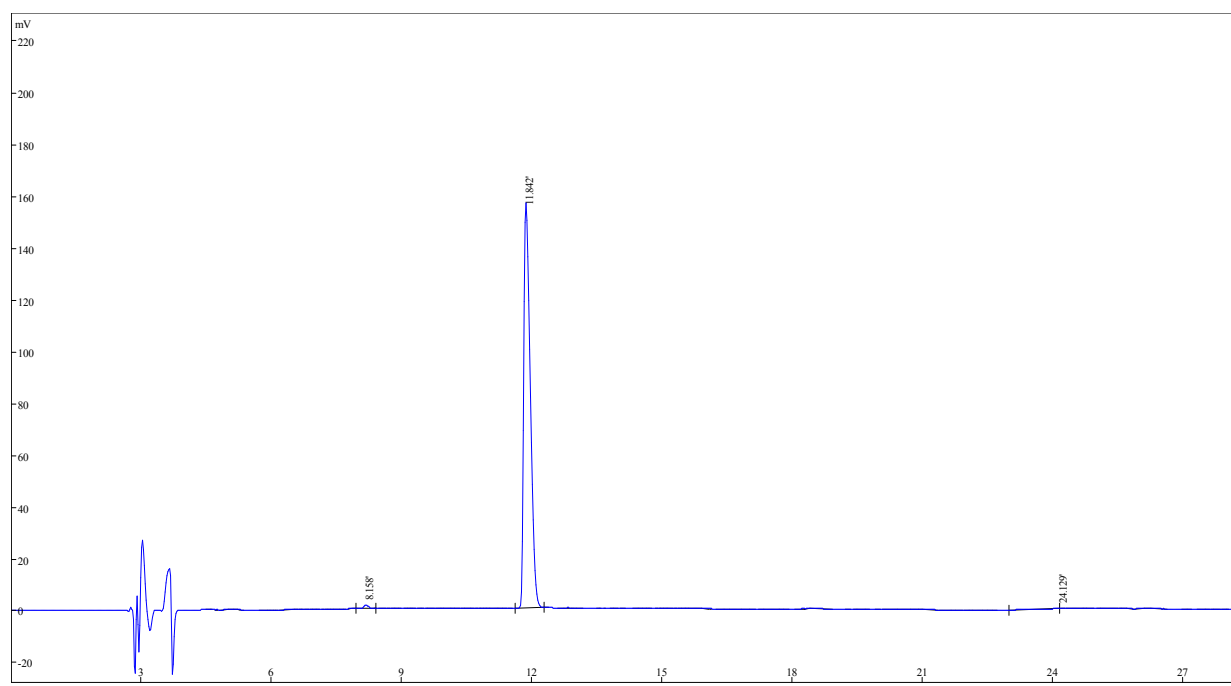


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Chengdu Herbpurify CO., LTD

成都瑞芬思生物科技有限公司

Batch NO: W-011-161025

Certificate Of Analysis								
Chinese Name	乌药碱	Botanical Source						
English Name	Coclaurine	CAS Number	2196-60-3					
Mol. Formula	C17H19NO3	Mol. Weight	285.34					
Solubility	Methanol	Appearance	White needle-like crystal					
Loss on drying	≤2.0%	Purity	99.05%					
QC	HPLC:乙腈 : 0.5%甲酸-0.1%三乙胺水溶液 波长 280nm 0min 10 : 90 13min 22 : 78 30min 22 : 78							
Structure								
Coclaurine HPLC								
								
Peak#	Ret time[min]	Area%	Area	Height	Resolution	N	Effective plate number	T
1	8.158	0.678	11209	1362	14.82	22929	0	1.15
2	11.842	99.05	1637654	156597	9.01	29919	2895	1.72
3	24.129	0.2675	4423	48	0.00	1600	701	0.80
Total		100	1653286	158007				
Storage	Stored without light and heat. Stored in cool, dry, airproof and innocuous conditions							
Expiration	Two years (2018-10-24) under conditions list above.							

Report date : 2016-10-25

Operator: Chenli

Q.C manager: Zhengxin