

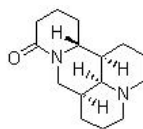
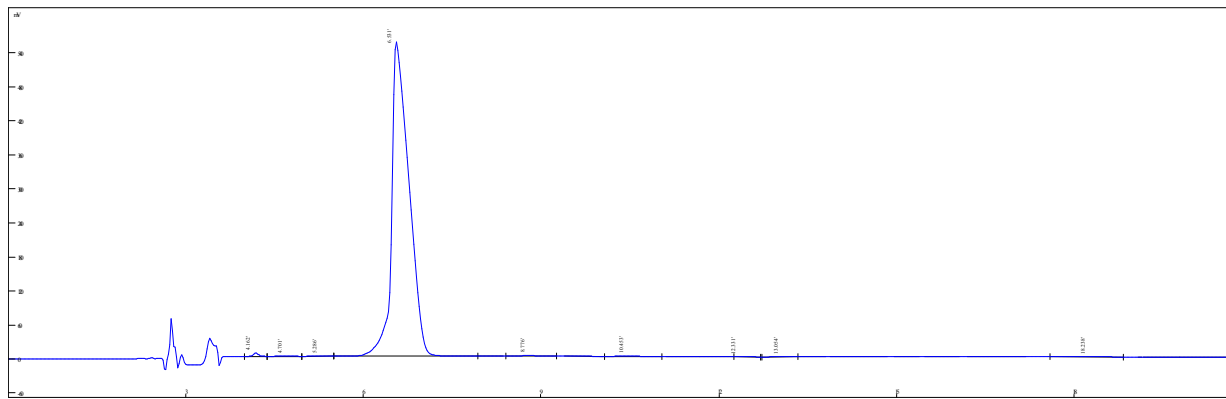


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Chengdu Herbpurify CO., LTD

成都瑞芬思生物科技有限公司

Batch NO: K-002-161216

Certificate Of Analysis								
Chinese Name	苦参碱			Botanical Source				
English Name	Matrine			CAS Number	519-02-8			
Mol. Formula	C15H24N2O			Mol. Weight	248.36			
Solubility	Methanol			Appearance	White powder			
Loss on drying	≤2.0%			Purity	98.89%			
QC	HPLC:乙腈：水（1000ml 中加入 2ml 三乙胺，磷酸调 PH2.5)=5:95 波长：220nm							
Structure								
Matrine HPLC								
								
Peak#	Ret time[min]	Area%	Area	Height	Resolution	N	Effective plate number	T
1	4.162	0.3319	37768	6156	10737	0	1.13	
2	4.701	0.05036	5730	282	1249	16	0.86	
3	5.286	0.05056	5753	217	928	42	1.29	
4	6.531	98.89	11253146	555300	2423	319	1.32	
5	8.776	0.2014	22915	1424	6940	1919	0.85	
6	10.453	0.09595	10918	596	7597	2752	0.86	
7	12.331	0.09095	10349	268	2379	1044	0.82	
8	13.054	0.1589	18084	680	5622	2609	1.38	
9	18.238	0.09281	10561	310	6688	3984	0.78	
10	22.899	0.03274	3725	64	3612	2419	0.78	
Total	100	11378949	565297					
Storage	Stored without light and heat. Stored in cool, dry , airproof and innocuous conditions							
Remarks	即配即用，仅限于实验时使用，不能用于人体。 如遇质量问题，请于收到产品之日起 15 日内与我们联系。 Namely with the use, only in the experimental use, can not be used for the human body. In case of quality problems, please contact us within 15 days from the date of receipt of the product.							

Review date : 2016-12-16

Report date : 2016-12-16

Operator: Chenli

Q.C manager: Zhengxin