

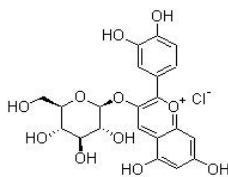
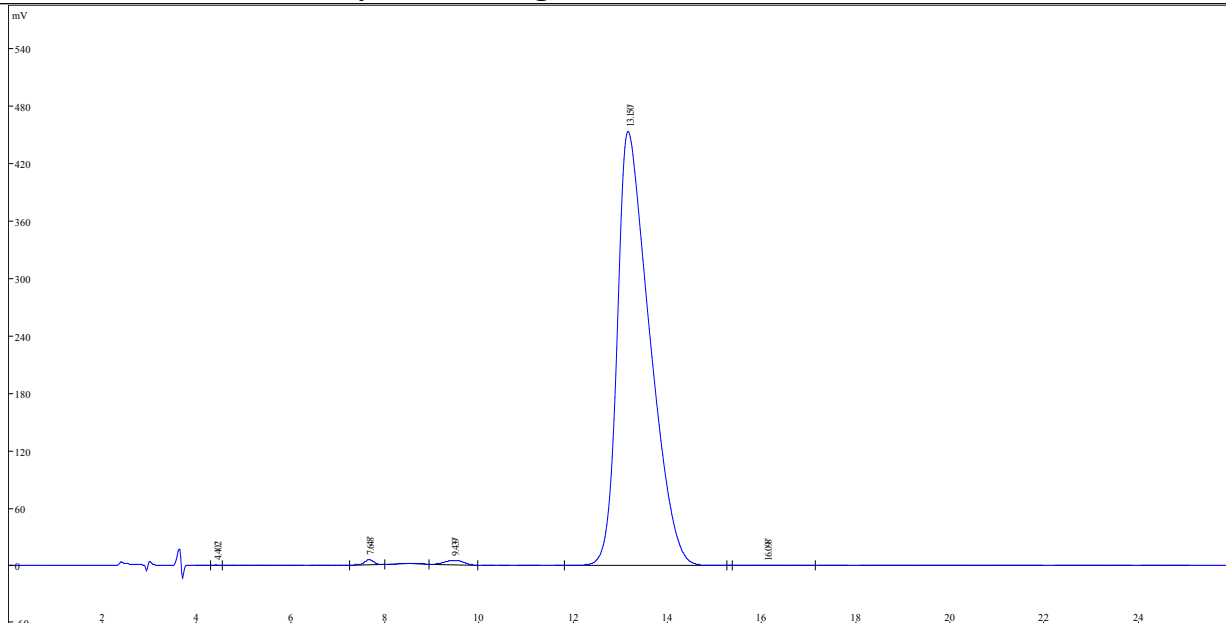


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Chengdu Herbpurify CO., LTD

成都瑞芬思生物科技有限公司

Batch NO: S-060-160706

Certificate Of Analysis								
Chinese Name	矢车菊素-3-O-葡萄糖苷			Botanical Source				
English Name	Cyanidin-3-O-glucoside chloride			CAS Number	7084-24-4			
Mol. Formula	C21H21ClO11			Mol. Weight	484.84			
Solubility	Methanol			Appearance	Brown red crystalline powder			
Loss on drying	≤2.0%			Purity	98.93%			
QC	HPLC:乙腈：0.2%磷酸水=12:88 波长 520nm							
Structure	<chem>[O-]c1cc(O)c2c(c1)[O+]([C@@H]3O[C@H](CO)[C@@H](O)[C@H]3O)c4cc(O)c(O)cc42</chem> 							
Cyanidin-3-O-glucoside chloride HPLC								
								
Peak#	Ret time[min]	Area%	Area	Height	Resolution	N	Effective plate number	T
1	4.402	0.01543	3359	545	12.04	11906	0	0.97
2	7.648	0.3392	73844	5234	1.56	6856	1234	1.17
3	9.439	0.6082	132408	4737	3.70	2661	758	0.92
4	13.150	98.93	21538368	453814	2.36	1791	793	1.55
5	16.098	0.108	23515	504	2.48	2778	1466	0.74
Total	100		21771494	464834				
Storage	Stored without light and heat. Stored in cool, dry , airproof and innocuous conditions							
Expiration	Two years (2018-07-05) under conditions list above.							

Report date : 2016-07-06

Operator: chenli

Q.C manager: Zhengxin