

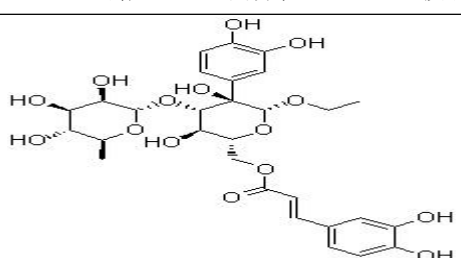
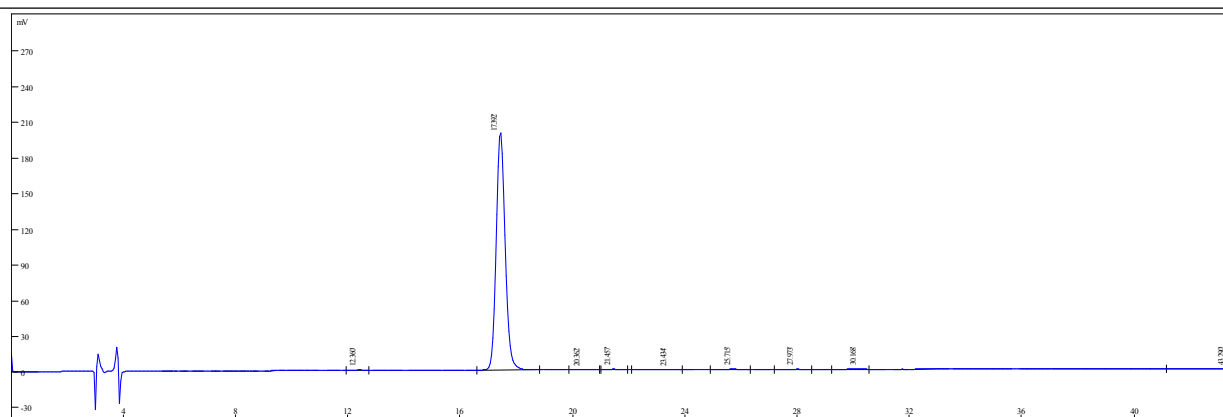


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Chengdu Herbpurify CO., LTD

成都瑞芬思生物科技有限公司

Batch NO: Y-073-150331

Certificate Of Analysis								
Chinese Name	异麦角甾昔			Botanical Source				
English Name	Isoacteoside			CAS Number	61303-13-7			
Mol. Formula	C29H36O15			Mol. Weight	624.59			
Solubility	Methanol			Appearance	White crystalline powder			
Loss on drying	≤2.0%			Purity	98.64%			
QC	HPLC:乙腈: 0.2%甲酸水=20: 80 波长=334nm							
Structure								
Isoacteoside HPLC								
								
Peak#	Ret time[min]	Area%	Area	Height	Resolution	N	Effective plate number	T
1	12.360	0.2001	9028	546	9.81	13040	0	0.96
2	17.392	98.64	4449594	202094	4.57	14560	1219	1.15
3	20.362	0.2099	9471	353	1.59	13440	2076	1.28
4	21.457	0.2644	11928	481	1.49	17469	3140	0.98
5	23.434	0.1551	6998	93	1.52	2263	505	1.11
6	25.715	0.2265	10218	272	2.35	10933	2949	0.98
7	27.973	0.138	6226	180	2.07	15263	4755	1.14
8	30.168	0.09735	4392	97	8.12	10361	3610	0.89
9	43.290	0.07271	3280	43	0.00	7515	3837	1.03
Total	100	4511135	204159					
Storage	Stored without light and heat. Stored in cool, dry, airproof and innocuous conditions							
Expiration	Two years (2017-03-30) under conditions list above.							

Report date : 2015-03-31

Operator: Chenli

Q.C manager: Zhengxin