



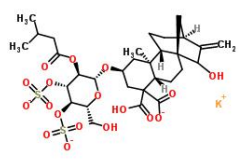
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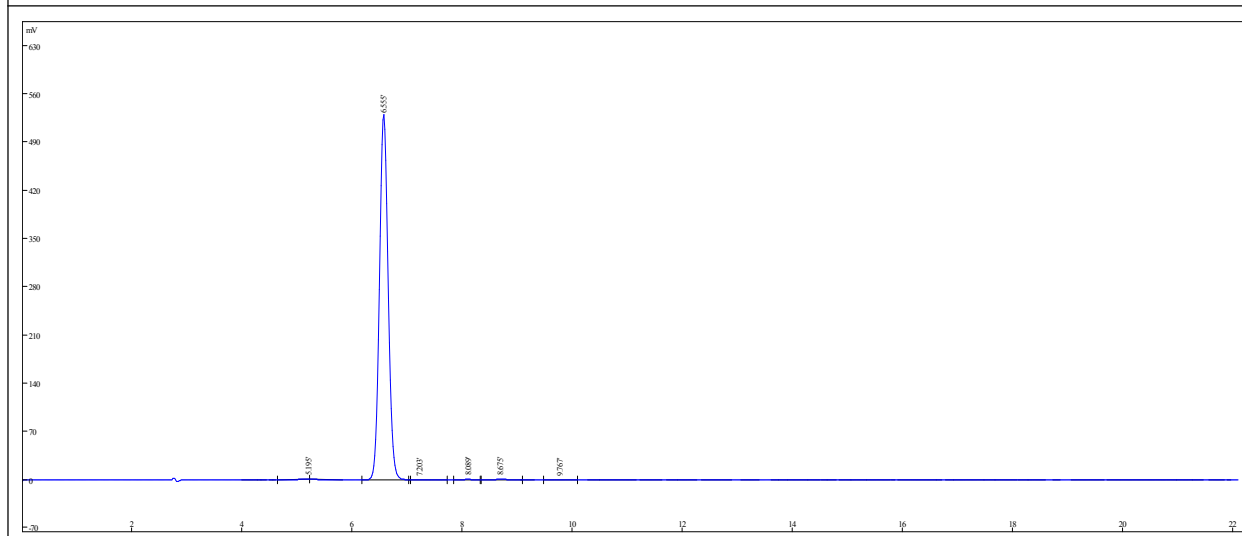
成都瑞芬思生物科技有限公司

Batch NO:S-055-160406

Certificate Of Analysis

Chinese Name	羧基苍术昔三钾盐	Botanical Source	
English Name	Carboxyatractyloside tripotassium salt	CAS Number	77228-71-8
Mol. Formula	C31H43K3O18S2	Mol. Weight	885.09
Solubility	Methanol	Appearance	White powder
Loss on drying	≤2.0%	Purity	99.27%
QC	HPLC: 色谱柱 (Column) : Poroshell 120 Phenyl Hexyl (3.0×100mm, 2.7μm) 流动相 : ACN : 0.01mol/LNaH2PO3 (4%NaOH PH=5.4) =15:85 检测器 (Detector) : 203m 柱温 (Column Temperature) : 30℃		
Structure			

Carboxyatractyloside HPLC



Peak#	Ret time[min]	Area%	Area	Height	Resolution	N	Effective plate number	T
1	5.195	0.05389	3147	42	1.19	112	0	
2	6.555	99.27	5795986	531666	1.72	8437	363	1.08
3	7.203	0.07316	4272	244	2.26	3951	307	0.90
4	8.089	0.2006	11712	977	1.32	10626	1360	0.99
5	8.675	0.334	19504	912	2.14	3840	618	1.08
6	9.767	0.07102	4147	244	0.00	7707	1689	1.18
Total		100	5838768	534085				

Storage	Stored without light and heat. Stored in cool, dry, airproof and innocuous conditions
Expiration	Two years (2018-04-05) under conditions list above.

Report date : 2016-04-06

Operator: zhangqin

Q.C manager: Zhengxin