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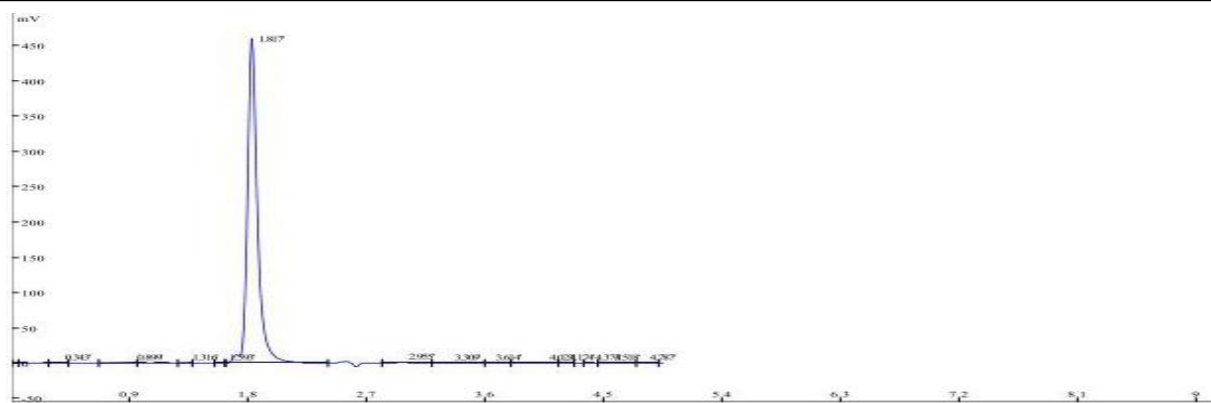
成都瑞芬思生物科技有限公司

Batch NO:S-109-160406

Certificate Of Analysis

Chinese Name	三七素	Botanical Source	
English Name	3-[(Carboxycarbonyl)amino]-L-alanine	CAS Number	5302-45-4
Mol. Formula	C5H8N2O5	Mol. Weight	176.13
Solubility	Methanol	Appearance	Colorless crystal
Loss on drying	≤2.0%	Purity	99.34%
QC	HPLC:乙腈:水=30:70 波长 254nm		
Structure			

3-[(Carboxycarbonyl)amino]-L-alanine HPLC



序号	保留时间	名称	浓度	峰面积
1	0.007		0.001397	34
2	0.343		0.001599	39
3	0.899		0.003798	93
4	1.316		0.004292	105
5	1.593		0.01393	341
6	1.817		99.34	2432496
7	2.955		0.4607	11281
8	3.309		0.1348	3300
9	3.614		0.004784	117
10	4.023		0.015	367
11	4.174		0.002103	52
12	4.373		0.001291	32
13	4.518		0.007968	195
14	4.787		0.001673	41
Total			100	2448493
Storage	Stored without light and heat. Stored in cool, dry, airproof and innocuous conditions			
Expiration	Two years (2018-04-10) under conditions list above.			

Report date : 2016-04-11

Operator: zhangqin

Q.C manager: Zhengxin