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Chengdu Herbpurify CO., LTD

成都瑞芬思生物科技有限公司



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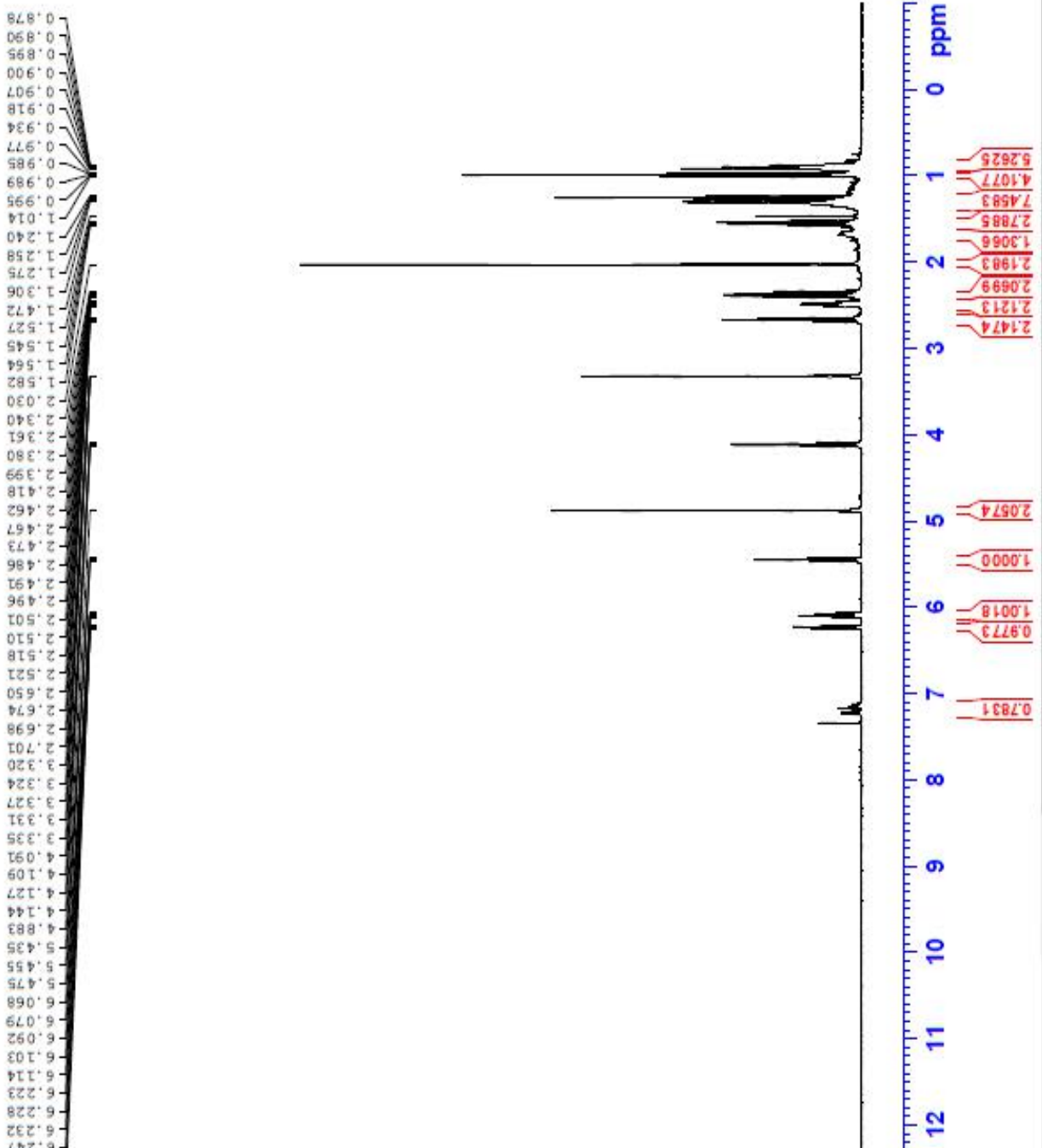
Current Data Parameters
NAME      EFS-GAUCHUNZHIZHI-HL-MHCO-20160929
EXPNO     10
PROCNO    1

F2 - Acquisition Parameters
File      20160929
Date_     14.12
Time      14.32
INSTRUM   spect
PROBHD    5 mm PABBO HD/
PULPROG   zg30
TD         65536
SOLVENT   MeOD
AQ         3.2
RG         32
DE         8323.582 Hz
DELTA     0.125483 Hz
FIDRES    3.9846387 sec
AQ         129.89
RG         60.800 usec
DE         8.00 usec
TE        296.8 K
TK         1.00000000 sec
D1         1.00000000 sec

***** CHANNEL f1 *****
NUC1       1H
P1         12.80 usec
PL1        15.8489998 W
SFO1       400.1622013 MHz

F2 - Processing parameters
SI         32768
SF         400.1600000 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00

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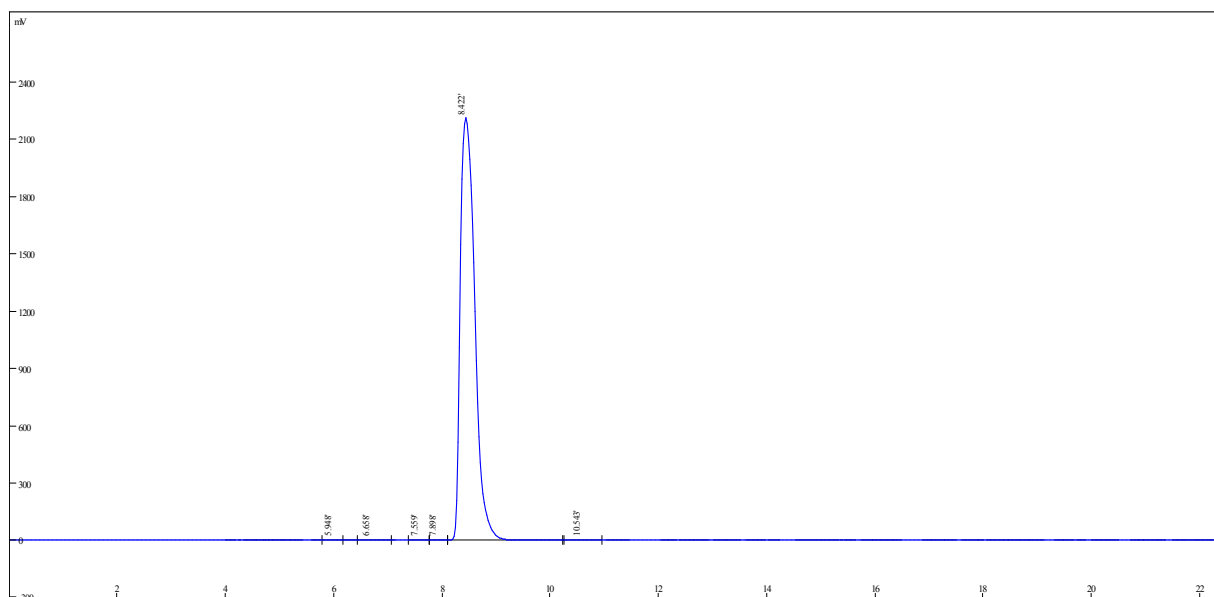
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Batch NO:G-010-160719

Certificate Of Analysis

Chinese Name	藁本内酯	Botanical Source	
English Name	Ligustilide	CAS Number	4431-01-0
Mol. Formula	C ₁₂ H ₁₄ O ₂	Mol. Weight	190.24
Solubility	Methanol	Appearance	yellow liquid
Loss on drying	≤2.0%	Purity	99.76%
QC	HPLC:乙腈:水=72:28 波长 320nm		
Structure			

Ligustilide HPLC



Peak#	Ret time[min]	Area%	Area	Height	Resolution	N	Effective plate number	T
1	5.948	0.02798	11554	1149	2.67	8165	0	1.27
2	6.658	0.09581	39559	3985	3.06	10498	119	1.48
3	7.559	0.04424	18267	1500	1.20	8990	408	1.27
4	7.898	0.01956	8077	895	1.43	17870	1089	0.98
5	8.422	99.76	41186563	2214416	4.81	4785	413	1.62
6	10.543	0.05445	22482	1542	0.00	12203	2318	1.11
Total	100		41286502	2223487				
Storage	Stored without light and heat. Stored in cool, dry, airproof and innocuous conditions							
Expiration	Two years (2018-07-18) under conditions list above.							

Report date : 2016-07-19

Operator: chenli

Q.C manager: Zhengxin