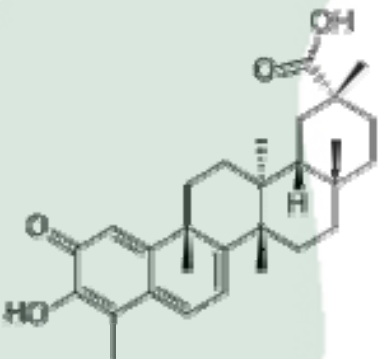


PRODUCT ID	E-0270	Structure 
PRODUCT	Celastrol /雷公藤红素/南蛇藤素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18041121	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-04-11	
DATE OF REPORT	2018-04-11	

OTHER NAME Tripterin, Tripterine

CHEMICAL FORMULA C₂₉H₃₈O₄

MOLECULAR WEIGHT(MW) 450.60962

CAS NUMBER 34157-83-0

CHEMICAL FAMILY Diterpenoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK272—2007	NLT ≥98.0%	99.4%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK272—2007	NA	ND
Water	Q/TFFK272—2007	≤2%	Conforms
Appearance		red Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

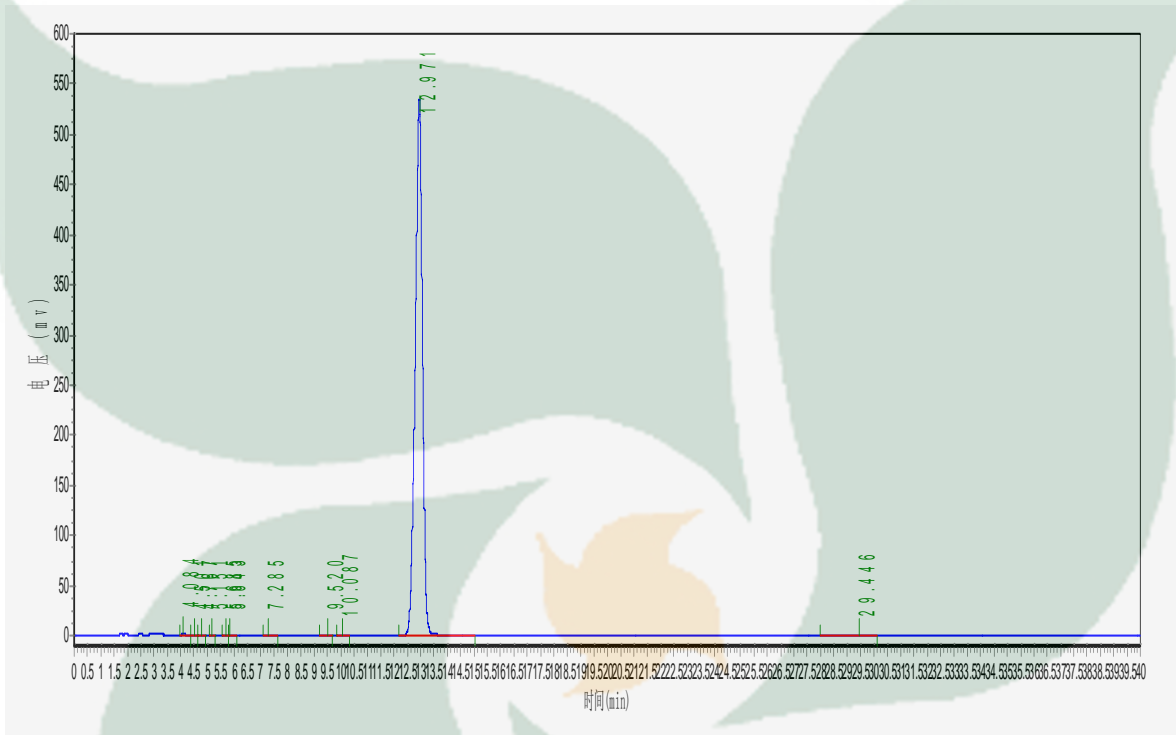
Analyst

Checker

Manager

Product Analysis Report

Product Name: Celastrol **Chrom-Column:** C18
Lot Number: 18041121 **Mobile Phase:** ACN:0.1% H_3PO_4 (85:15)
Detector: UV **Wavelength:** 230nm
Detect Time: 2018-04-11 **Inject Vol:** 20ul
Sample: MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.084	1147.769	13023.300	0.1271
2	4.501	459.971	4117.091	0.0402
3	4.767	475.333	5335.229	0.0520
4	5.151	417.667	3803.612	0.0371
5	5.685	528.391	5521.665	0.0539
6	5.843	437.638	4944.371	0.0482
7	7.285	280.913	3433.800	0.0335
8	9.520	218.364	3212.082	0.0313
9	10.087	309.382	4935.854	0.0482
10	12.971	531036.063	10198123.000	99.4910
11	29.446	84.327	3842.407	0.0375