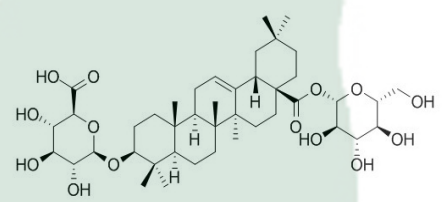


PRODUCT ID	E-0997	Structure 
PRODUCT	Chikusetsu saponin IVa/竹节参皂苷Iva	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18012422	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-01-24	
DATE OF REPORT	2018-01-24	

OTHER NAME Calenduloside F; Glucopyranosiduronic acid

CHEMICAL FORMULA C42H66O14

MOLECULAR WEIGHT(M) 794.97

CAS NUMBER 51415-02-2

CHEMICAL FAMILY Triterpenoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK735—2010	NLT ≥98.0%	98.1%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK735—2010	NA	ND
Water	Q/TFFK735—2010	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

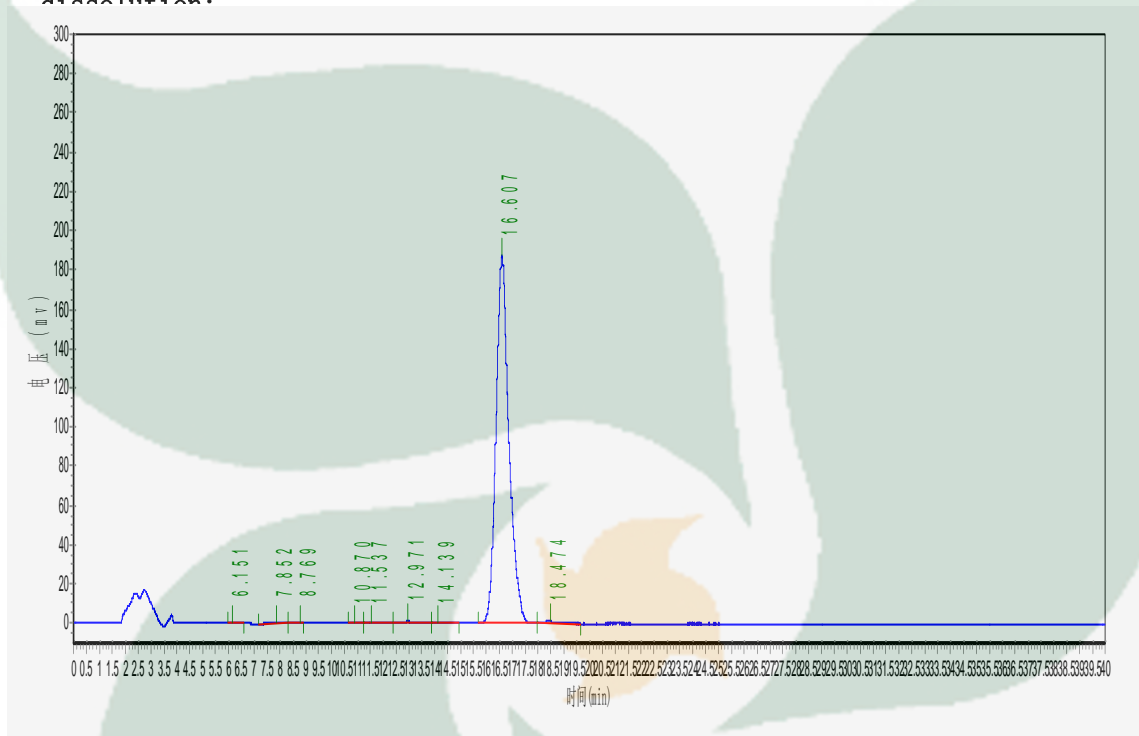
Analyst

Checker

Manager

Product Analysis Report

Product Name: Chikusetsu saponin IVa Chrom-Column: C18
Lot Number: 18012422 Mobile Phase: ACN:0.1%H3PO4=35:65
Temperature: 25°C Wavelength: 203nm
Detect Time: 2018-01-24 Inject Vol: 20ul
Sample MeOH Flow: 1.0ml/min
dissolution:



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.151	597.600	9278.900	0.1391
2	7.852	346.339	14081.170	0.2111
3	8.769	289.929	6553.707	0.0982
4	10.870	134.130	3144.489	0.0471
5	11.537	280.072	7948.351	0.1192
6	12.971	1004.844	32921.469	0.4935
7	14.139	109.208	4262.132	0.0639
8	16.607	186592.250	6546140.000	98.1320
9	18.474	1111.008	46422.559	0.6959