

PRODUCT ID	E-0906	Structure 
PRODUCT	Carnosol/鼠尾草酚	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18030623	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-03-06	
DATE OF REPORT	2018-03-06	

OTHER NAME	Picrosalvin
CHEMICAL FORMULA	C ₂₀ H ₂₆ O ₄
MOLECULAR WEIGHT(MW)	330.42
CAS NUMBER	5957-80-2
CHEMICAL FAMILY	Diterpenoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK688-2010	NLT ≥98.0%	98.1%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK688-2010	NA	ND
Water	Q/TFFK688-2010	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

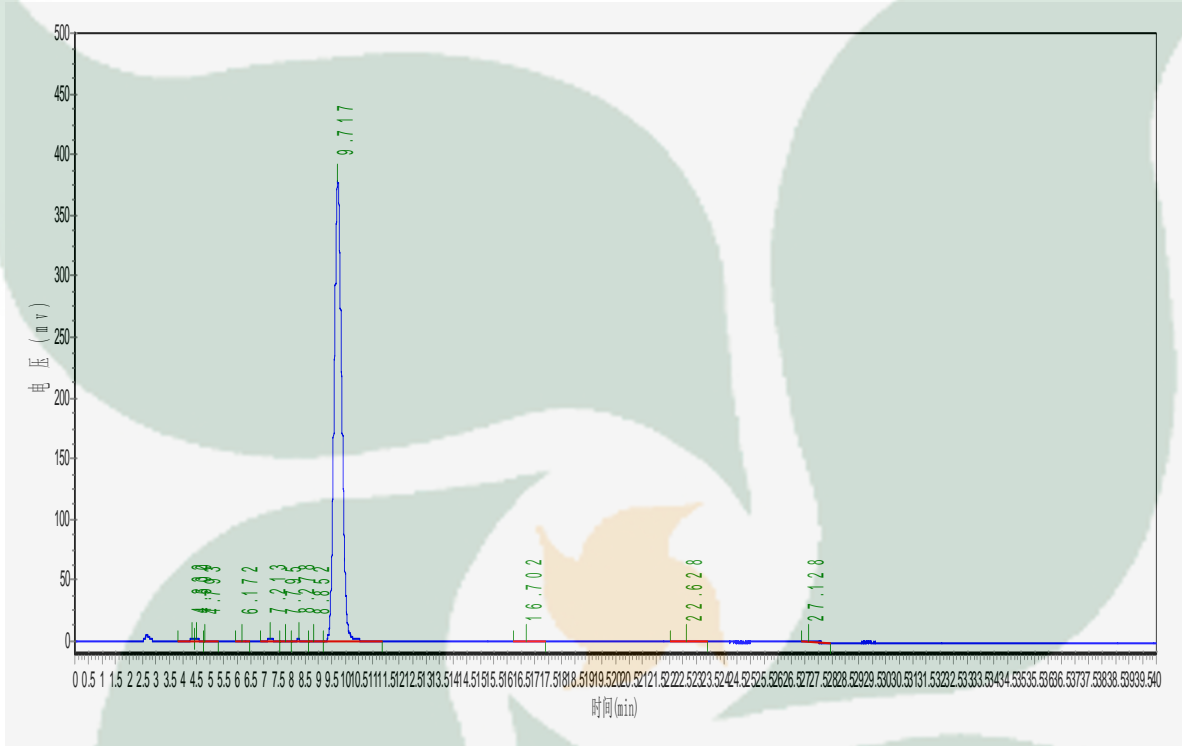
Analyst

Checker

Manager

Product Analysis Report

Product Name: Carnosol **Chrom-Column:** C18
Lot Number: 18030623 **Mobile Phase:** MeOH:0.1%H3PO4=7
8:22
Detector: UV **Wavelength:** 225nm
Detect Time: 2018-03-06 **Inject Vol:** 20ul
Sample dissolution: MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.332	1300.449	17535.854	0.2323
2	4.500	1346.903	16978.748	0.2249
3	4.793	520.690	5315.924	0.0704
4	6.172	412.355	5507.200	0.0730
5	7.213	2221.385	34181.113	0.4528
6	7.795	374.777	6050.310	0.0801
7	8.278	1296.910	23667.758	0.3135
8	8.852	230.114	5228.134	0.0693
9	9.717	378721.031	7405218.500	98.0938
10	16.702	817.706	23232.100	0.3077
11	22.628	113.206	3958.349	0.0524
12	27.128	78.761	2249.951	0.0298