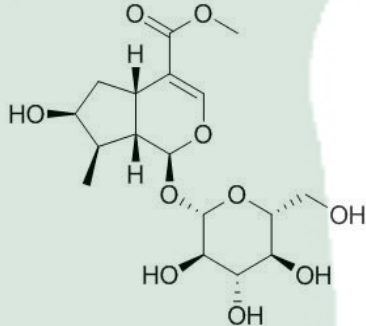


PRODUCT ID	E-0245	Structure 
PRODUCT	Loganin /马钱苷	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18041022	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-04-10	
DATE OF REPORT	2018-04-10	

OTHER NAME Meliatin; Loganoside; 马钱素

CHEMICAL FORMULA C₁₇H₂₆O₁₀

MOLECULAR WEIGHT(MW) 390.38234

CAS NUMBER 18524-94-2

CHEMICAL FAMILY Iridoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK238—2007	NLT ≥98.0%	98.6%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK238—2007	NA	ND
Water	Q/TFFK238—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

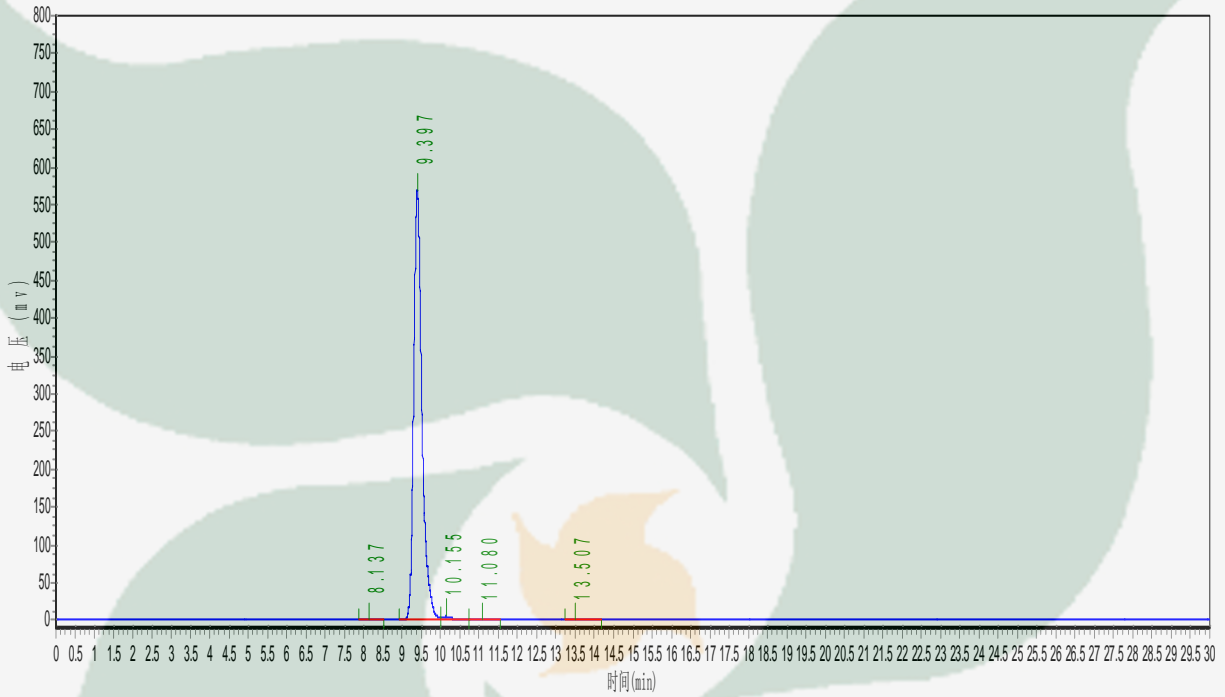
Analyst

Checker

Manager

Product Analysis Report

Product Name: Loganin **Chrom-Column:** C18
Lot Number: 18041022 **Mobile Phase:** ACN:MeOH:0.1%H3PO4=15:1:84
Detector: UV **Wavelength:** 240nm
Detect Time: 2018-04-10 **Inject Vol:** 20ul
Sample dissolution: 50%MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	8.137	1570.276	19977.199	0.2334
2	9.397	569618.688	8442461.000	98.6506
3	10.155	4843.247	77286.430	0.9031
4	11.080	819.400	13702.525	0.1601
5	13.507	252.882	4517.900	0.0528