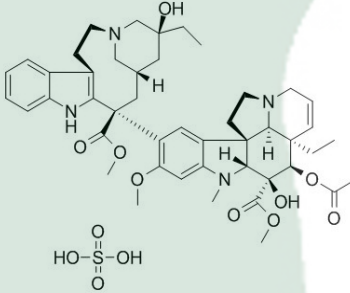


PRODUCT ID	E-0181	Structure 
PRODUCT	Vinblastine sulfate/硫酸长春碱	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	17053122	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-05-31	
DATE OF REPORT	2017-05-31	

CHEMICAL NAME
OTHER NAME

硫酸长春花碱

CHEMICAL FORMULA
 $C_{46}H_{58}N_{4}O_9 \cdot H_2SO_4$
MOLECULAR WEIGHT(MW)

909.0526

CAS NUMBER

143-67-9

CHEMICAL FAMILY

Alkaloids生物碱类

FROM

夹竹桃科植物长春花Catharanthus roseus (L.)G. Don的全草

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK41—2006	NLT \geq 97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK41—2006	NA	ND
Water	Q/TFFK41—2006	\leq 2%	Conforms
Appearance		White powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

Checker

Manager

Product Analysis Report

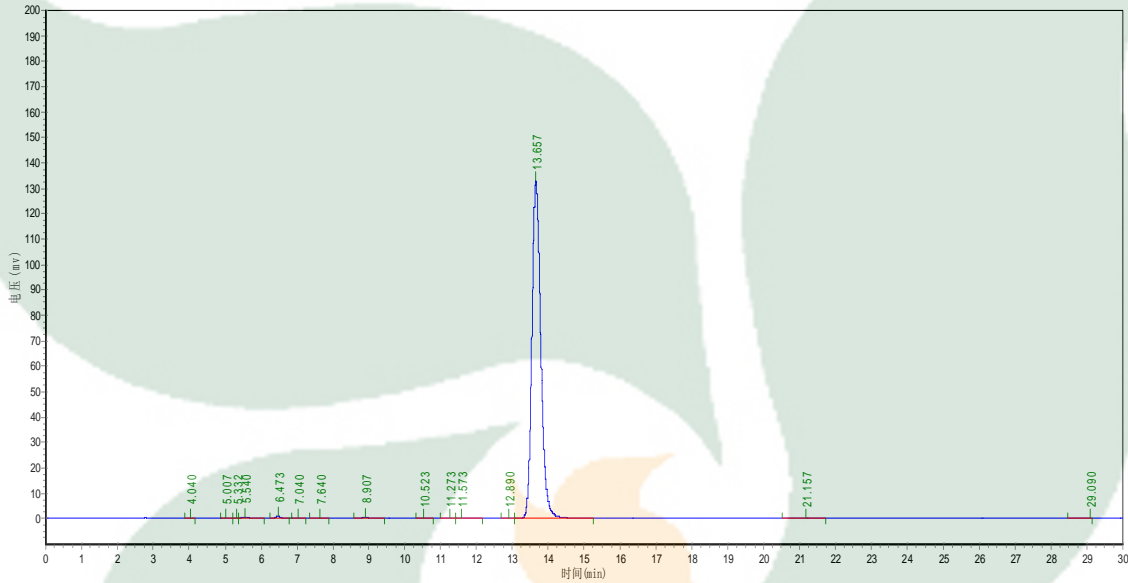
Product Name: Vinblastine sulfate Chrom-Column: C18

Lot Number: 17053122 Mobile Phase: ACN:0.02mol/LHAC=53:47

Detector: UV Wavelength: 268nm

Detect Time: 2017-05-31 Inject Vol: 20ul

Analyst: zhanghong Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.040	89.111	480.100	0.0205
2	5.007	230.000	1741.100	0.0743
3	5.332	114.679	731.542	0.0312
4	5.540	650.811	9801.558	0.4182
5	6.473	1078.763	10430.624	0.4450
6	7.040	178.373	1598.936	0.0682
7	7.640	130.226	1746.600	0.0745
8	8.907	626.255	8505.300	0.3629
9	10.523	44.233	612.200	0.0261
10	11.273	184.914	2582.671	0.1102
11	11.573	282.000	4895.329	0.2089
12	12.890	98.129	1195.435	0.0510
13	13.657	132552.359	2296667.750	97.9888
14	21.157	90.260	2603.300	0.1111
15	29.090	11.381	213.200	0.0091