



同田生物
TAUTO BIOTECH

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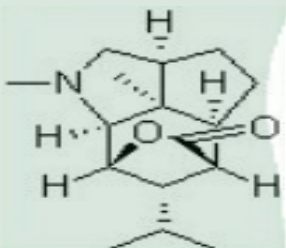
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PRODUCT ID	E-0916	Structure 
PRODUCT	石斛碱/Dendrobine	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	15012924	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-01-29	
DATE OF REPORT	2015-01-29	

CHEMICAL NAME

OTHER NAME

Dendroban-12-one; (-)-Dendrobine; 12-Oxodendrobane

CHEMICAL FORMULA

C₁₆H₂₅NO₂

MOLECULAR WEIGHT(MW)

263.38

CAS NUMBER

2115-91-5

CHEMICAL FAMILY

FROM

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK165—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK165—2007	NA	ND
Water	Q/TFFK165—2007	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

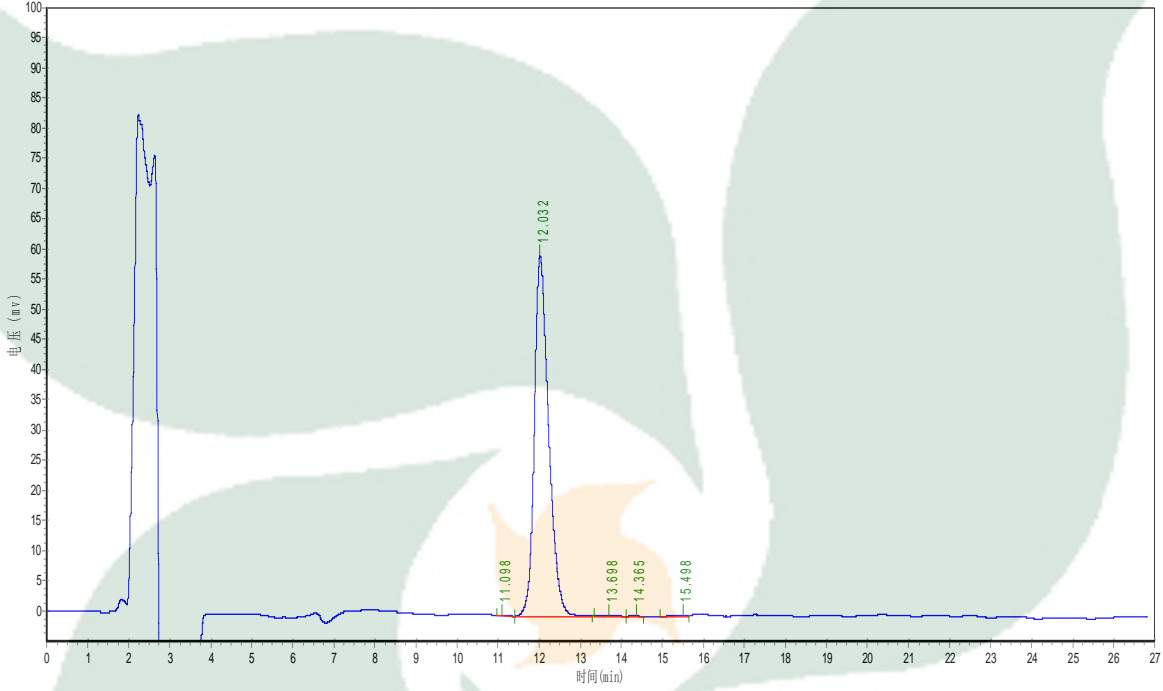
Checker

Manager

Product Analysis Report

Product Name: Dendrobine
Lot Number: 15012924
Detector: UV
Detect Time: 2015-01-29
Analyst: shuzhilin

Chrom-Column: C18
Mobile Phase: ACN:0.1%TEA=45:55
Wavelength: 230nm
Inject Vol: 20ul
Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	11.098	204.269	3457.600	0.2340
2	12.032	59494.305	1451111.625	98.1944
3	13.698	265.633	9028.650	0.6110
4	14.365	171.164	3140.800	0.2125
5	15.498	358.867	11055.786	0.7481