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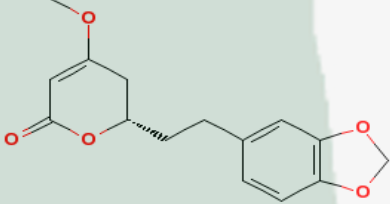
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PRODUCT ID	E-0028	Structure 
PRODUCT	Dihydromethysticin / 二氢麻醉椒苦素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	15010506	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2015-01-05	
DATE OF REPORT	2015-01-05	

CHEMICAL NAME	4-methoxy-2-(2-phenylethyl)-2,3-dihydropyran-6-one
OTHER NAME	7,8-Dihydromethysticin
CHEMICAL FORMULA	C ₁₅ H ₁₆ O ₅
MOLECULAR WEIGHT(MW)	276.28
CAS NUMBER	19902-91-1, 3155-57-5
CHEMICAL FAMILY	Kavalactones
FROM	胡椒科植物卡瓦胡椒Kava

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK28—2005	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK28—2005	NA	ND
Water	Q/TFFK28—2005	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

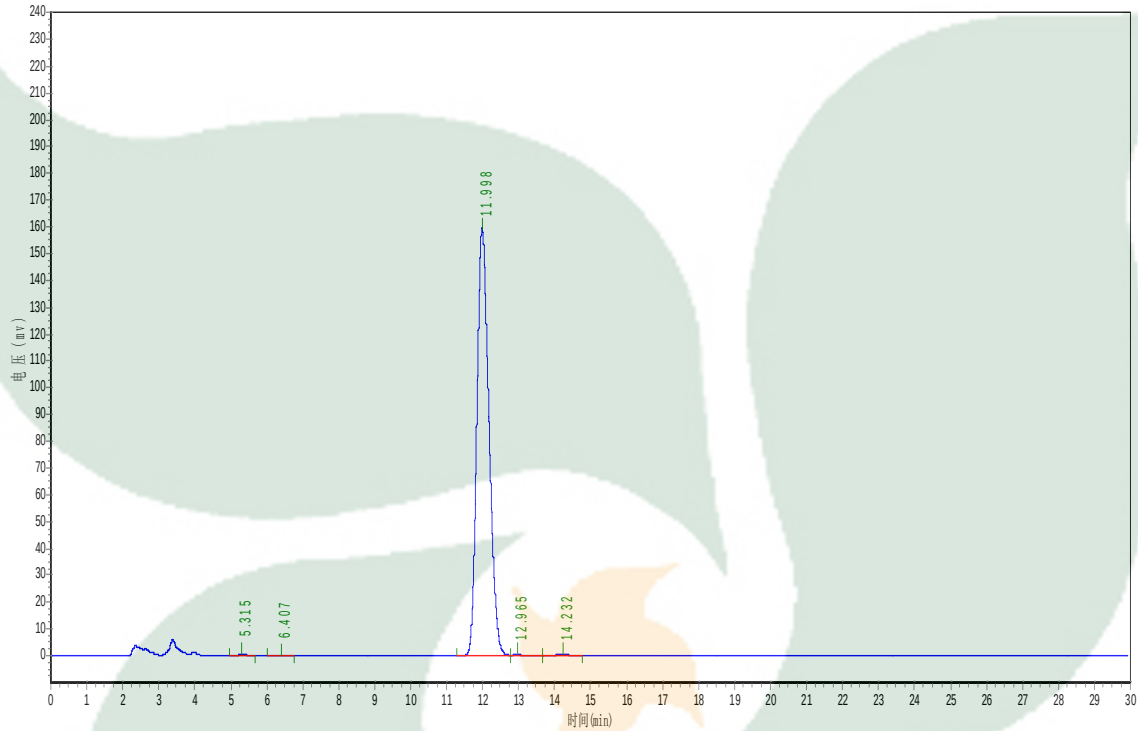
Analyst

Checker

Manager

Product Analysis Report

Product Name: Dihydromethysticin Chrom-Column: C18
Lot Number: 15010506 Mobile Phase: MeOH:ACN:0.1%H₃PO₄=10:40:50
Temperature: 25°C Wavelength: 230nm
Detect Time: 2015-01-05 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.315	647.702	9827.700	0.2613
2	6.407	153.696	3927.500	0.1044
3	11.998	159088.375	3723558.750	98.9936
4	12.965	381.750	9928.275	0.2640
5	14.232	557.000	14171.725	0.3768