

PRODUCT ID	E-0325	Structure 
PRODUCT	Demethoxycurcumin /去甲氧基姜黄素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17012631	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-01-26	
DATE OF REPORT	2017-01-26	

CHEMICAL NAME	(1E,6E)-1-(4-hydroxy-3-methoxyphenyl)-7-(4-hydroxyphenyl)hepta-1,6-diene-3,5-dione
OTHER NAME	Curcumin II
CHEMICAL FORMULA	C ₂₀ H ₁₈ O ₅
MOLECULAR WEIGHT(MW)	338.35392
CAS NUMBER	33171-16-3
CHEMICAL FAMILY	Phenolics酚类
FROM	姜科植物姜黄Curcuma longa L. 的根茎

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK339—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK339—2007	NA	ND
Water	Q/TFFK339—2007	≤2%	Conforms
Appearance		yellow powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

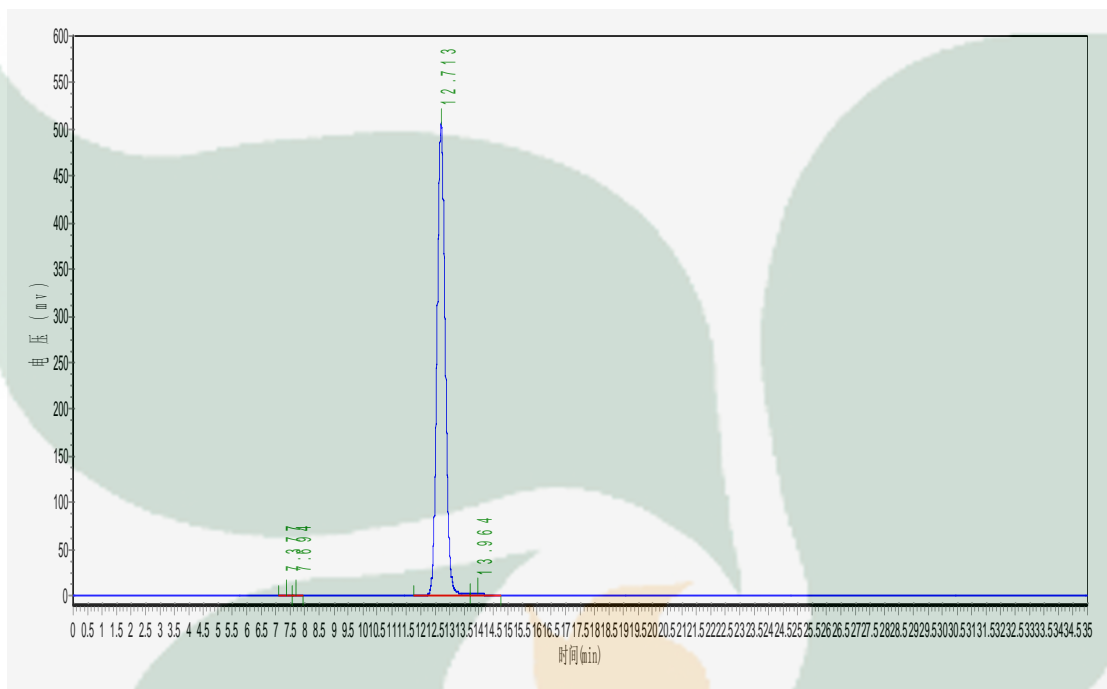
Analyst

Checker

Manager

Product Analysis Report

Product Name: Demethoxycurcumir Chrom-Column: C18
Lot Number: 17012631 Mobile Phase: ACN:H2O=50:50
Temperature: 25°C Wavelength: 425nm
Detect Time: 2017-01-26 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	7.377	472.639	7366.274	0.0735
2	7.694	411.782	5475.922	0.0547
3	12.713	507181.625	9941678.000	99.2635
4	13.964	2080.325	60925.328	0.6083