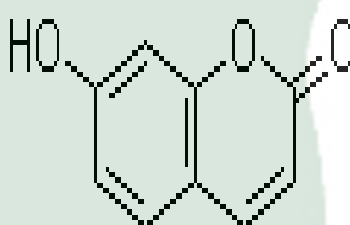


PRODUCT ID	E-0589	Structure 
PRODUCT	Umbelliferone/伞形花内酯	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	15031131	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-03-11	
DATE OF REPORT	2015-03-11	

CHEMICAL NAME
OTHER NAME

7-Hydroxycoumarin, 7-羟基香豆素

CHEMICAL FORMULA

C9H6O3

MOLECULAR WEIGHT(MV)

162.14

CAS NUMBER

93-35-6

CHEMICAL FAMILY
FROM

伞形科胡萝卜Daucus carota L. var. sativa DC根

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK697-2010	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK697-2010	NA	ND
Water	Q/TFFK697-2010	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

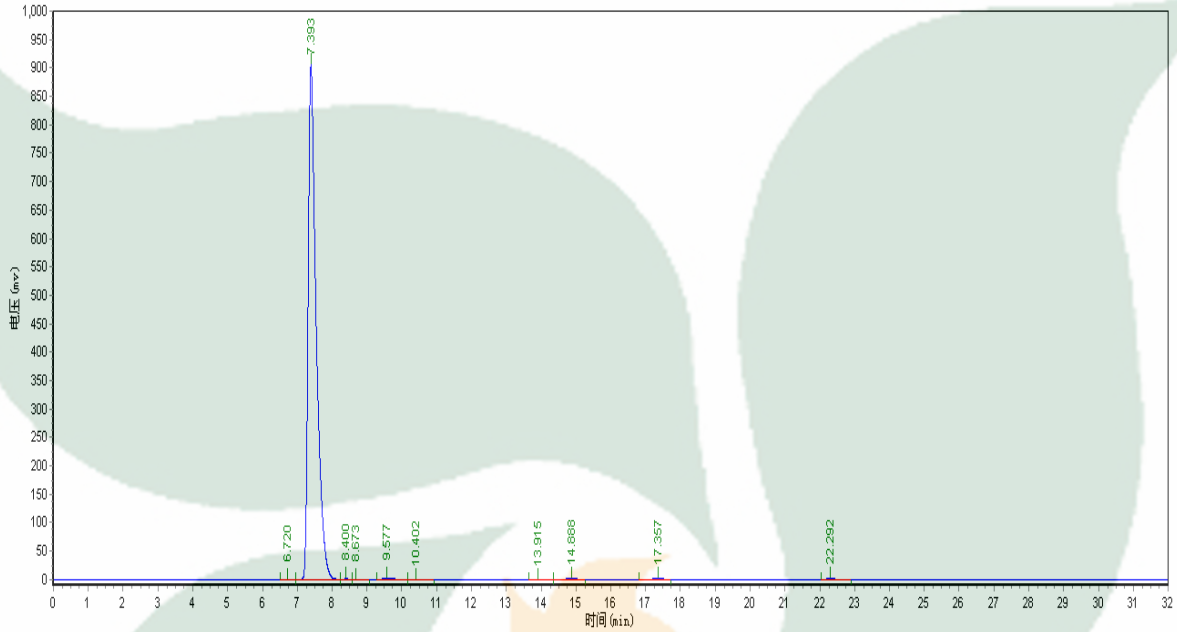
Analyst

Checker

Manager

Product Analysis Report

Product Name: Umbelliferone Chrom-Column: Kromasil C18
 Lot Number: 15031131 Mobile Phase: ACN:0.1%H3PO4 (30:70)
 Detector: UV Wavelength: 346nm
 Detect Time: 2015-03-11 Inject Vol: 10ul
 Analyst: xiayueixa Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.720	619.561	8248.983	0.0557
2	7.393	90507.938	14614719.000	98.7245
3	8.400	853.046	14112.430	0.0953
4	8.673	636.094	11054.349	0.0747
5	9.577	2683.633	48521.184	0.3278
6	10.402	524.531	8670.008	0.0586
7	13.915	198.979	4342.850	0.0293
8	14.888	1305.933	30446.785	0.2057
9	17.357	2073.067	37625.063	0.2542
10	22.292	1518.209	25798.400	0.1743