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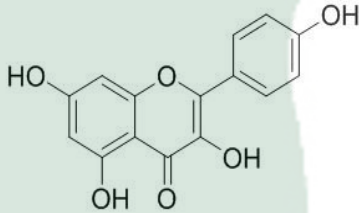
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PRODUCT ID	E-0013	Structure 
PRODUCT	Kaempferol/山奈酚	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18011522	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-01-15	
DATE OF REPORT	2018-01-15	

OTHER NAME Campherol; Populnetin; Robigenin; Rhamnolutin;
Trifolitin; Nimbecetin; Kampherol; Swartziol

CHEMICAL FORMULA C₁₅H₁₀O₆

MOLECULAR WEIGHT(MW) 286.2363

CAS NUMBER 520-18-3

CHEMICAL FAMILY Flavonoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK671-2010	NLT ≥98.0%	9*9.2%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK671-2010	NA	ND
Water	Q/TFFK671-2010	≤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: Kaempferol

Chrom-Column: C18

Lot Number: 18011522

Mobile Phase: MeOH:H2O=65:35

Detector: UV

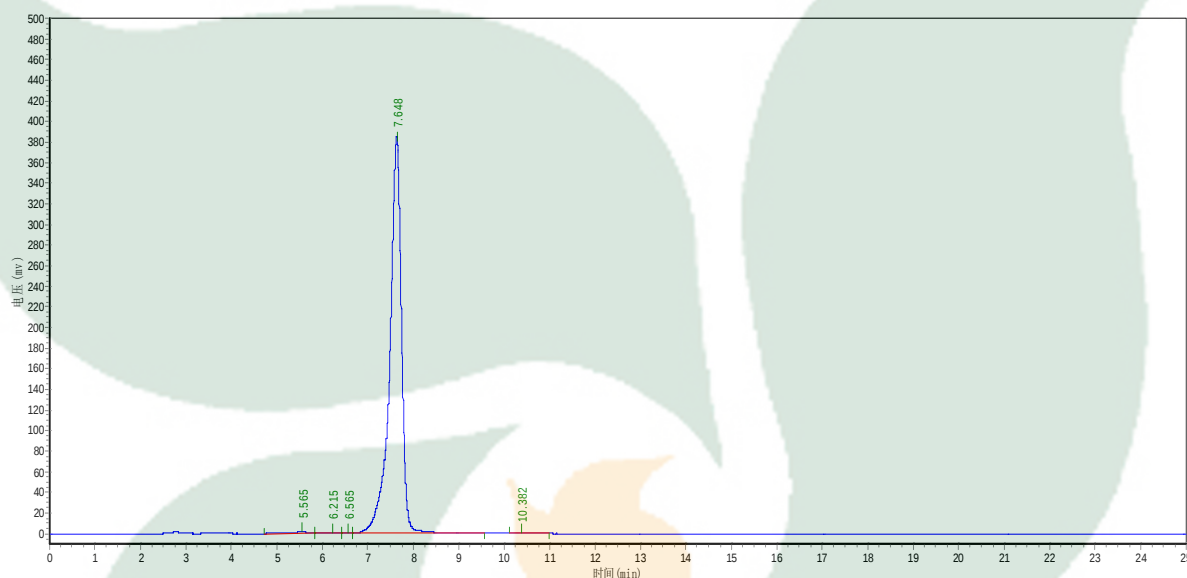
Wavelength: 239nm

Detect Time: 2018-01-15

Inject Vol: 20ul

Sample dissolution: MeOH

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.565	1744.138	36285.750	0.5197
2	6.215	619.166	10534.621	0.1509
3	6.565	101.103	904.990	0.0130
4	7.648	383616.469	6932224.000	99.2906
5	10.382	106.462	1806.700	0.0259