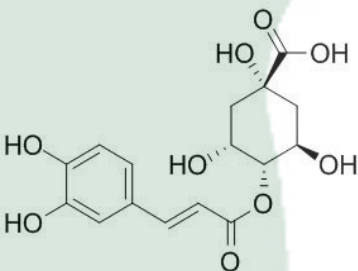


PRODUCT ID	E-0452	Structure 
PRODUCT	4-Dicaffeoylquinic Acid / 隐绿原酸	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	18032641	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2018-03-26	
DATE OF REPORT	2018-03-26	

OTHER NAME	Cryptochlorogenic acid; 4-O-caffeoylquinic acid
CHEMICAL FORMULA	C ₁₆ H ₁₈ O ₉
MOLECULAR WEIGHT(MW)	354.31
CAS NUMBER	905-99-7
CHEMICAL FAMILY	Phenylpropanoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK418—2007	NLT ≥98.0%	98.5%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK418—2007	NA	ND
Water	Q/TFFK418—2007	≤2%	Conforms
Appearance		Pale Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

Analyst

Checker

Manager

Product Analysis Report

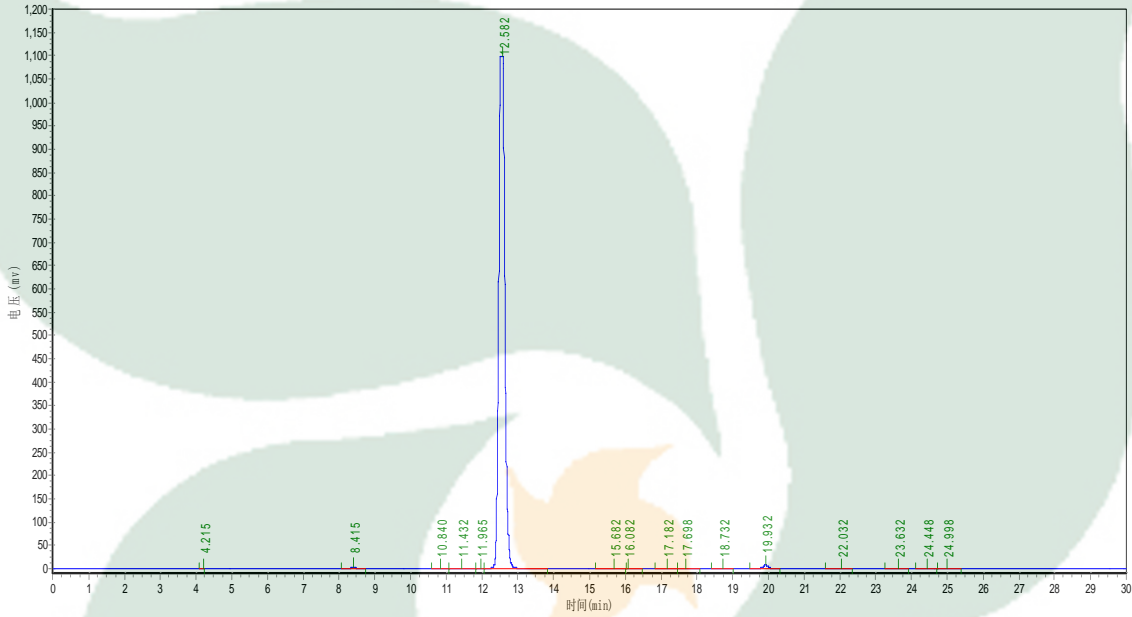
Product Name: 4-Dicaffeoylquinic acid Chrom-Column: Kromasil C18

Lot Number: 18032641 Mobile Phase: ACN:0.1%H3PO4 (10%-30%)

Detector: UV Wavelength: 330nm

Detect Time: 2018-03-26 Inject Vol: 20ul

Sample 50%MeOH Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.215	35.000	709.400	0.0053
2	8.415	2595.481	26668.949	0.1974
3	10.840	1187.440	12443.483	0.0921
4	11.432	795.829	23414.594	0.1733
5	11.965	826.560	10028.663	0.0742
6	12.582	1098911.375	13309986.000	98.5044
7	15.682	506.810	7710.570	0.0571
8	16.082	71.405	701.952	0.0052
9	17.182	506.889	7128.200	0.0528
10	17.698	42.579	799.200	0.0059
11	18.732	126.514	1755.500	0.0130
12	19.932	6976.300	80400.398	0.5950
13	22.032	1147.130	12196.800	0.0903
14	23.632	636.707	8202.100	0.0607
15	24.448	78.740	1015.084	0.0075

16

24.998

839.312

8906.489

0.0659

