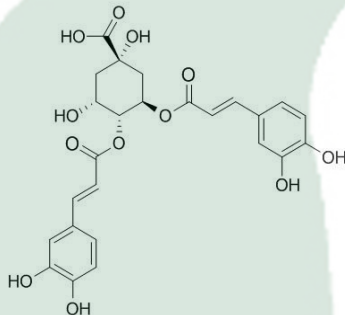


<b>PRODUCT ID</b>	E-0450	<b>Structure</b> 
<b>PRODUCT</b>	Isochlorogenic acid B(3,4') / 异绿原酸B/3,4-二咖啡酰奎宁酸	
<b>STANDARD TYPE</b>	Quantitative Reference Standard/含量测定	
<b>LOT NUMBER</b>	18033022	
<b>ASSAY METHOD</b>	HPLC,NMR	
<b>DATE OF SAMPLE</b>	2018-03-30	
<b>DATE OF REPORT</b>	2018-03-30	

**OTHER NAME** 3,4-Dicaffeoylquinic acid

**CHEMICAL FORMULA** C<sub>25</sub>H<sub>24</sub>O<sub>12</sub>

**MOLECULAR WEIGHT(MW)** 516.45086

**CAS NUMBER** 14534-61-3

**CHEMICAL FAMILY** Phenolic Acids

#### ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK399—2007	NLT ≥97.0%	97.1%
NMR		Conforms	Conforms
MS		Conforms	Conforms
<b>Residual Solvent</b>	Q/TFFK399—2007	NA	ND
<b>Water</b>	Q/TFFK399—2007	≤2%	Conforms
<b>Appearance</b>		Pale White Powder	Conforms

#### STORAGE CONDITIONS

**STORAGE** Refer to the label  
**SHELF LIFE** 2 Years

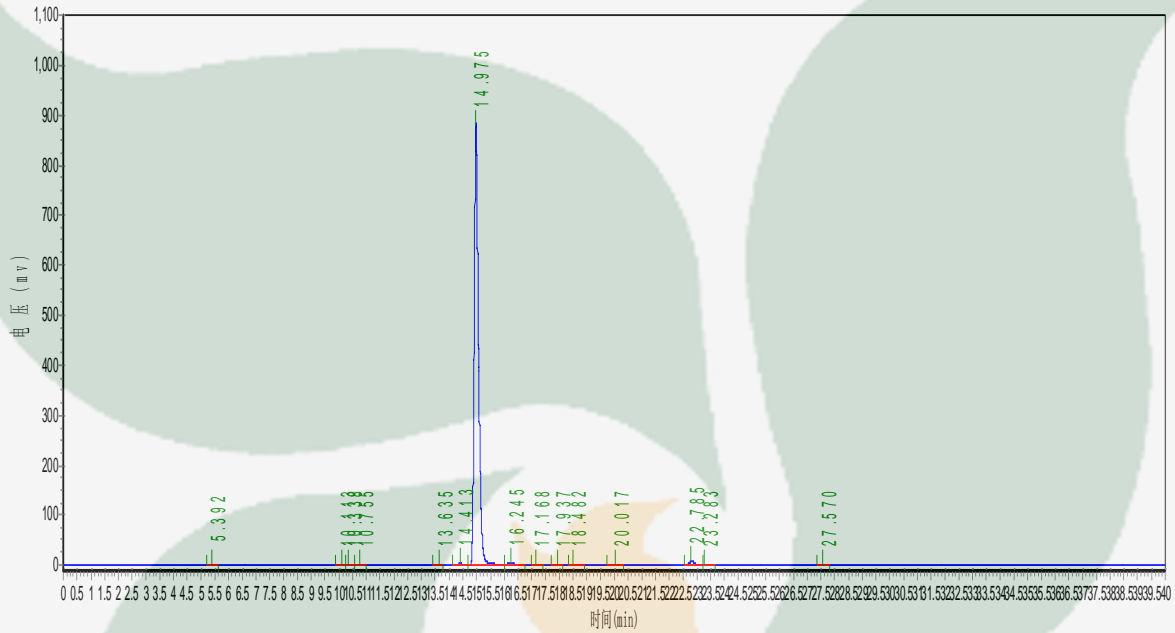
Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** isochlorogenic acid  
 R12 A1\ **Chrom-Column:** C18  
**Lot Number:** 18033022 **Mobile Phase:** ACN:0.1%H<sub>3</sub>PO<sub>4</sub>(grads)  
**Temperature:** 25°C **Wavelength:** 330nm  
**Detect Time:** 2018-03-30 **Inject Vol:** 20ul  
**Sample dissolution:** 50%MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.392	283.116	2617.400	0.0265
2	10.113	367.398	4084.810	0.0413
3	10.338	341.494	3607.856	0.0365
4	10.755	711.676	7027.650	0.0710
5	13.635	329.415	4294.500	0.0434
6	14.413	3749.137	42264.566	0.4272
7	14.975	883143.875	9613534.000	97.1606
8	16.245	4356.521	68860.266	0.6959
9	17.168	405.675	5975.086	0.0604
10	17.937	271.696	2162.767	0.0219
11	18.482	379.693	3577.450	0.0362
12	20.017	347.515	5576.300	0.0564
13	22.785	9683.797	125399.414	1.2674
14	23.283	352.236	3657.366	0.0370
15	27.570	153.667	1833.600	0.0185