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PRODUCT ID	E-0449	<b>Structure</b> 
PRODUCT	Isochlorogenic acid A(3',5') /异绿原酸A	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18041231	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2018-04-12	
DATE OF REPORT	2018-04-12	

OTHER NAME NA

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

MOLECULAR WEIGHT(MW) 516.46

CAS NUMBER 2450-53-5

CHEMICAL FAMILY Phenolic Acids

### ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK418—2007	NLT ≥96.0%	96.02%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK418—2007	NA	ND
Water	Q/TFFK418—2007	≤2%	Conforms
Appearance		Pale White Powder	Conforms

### STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

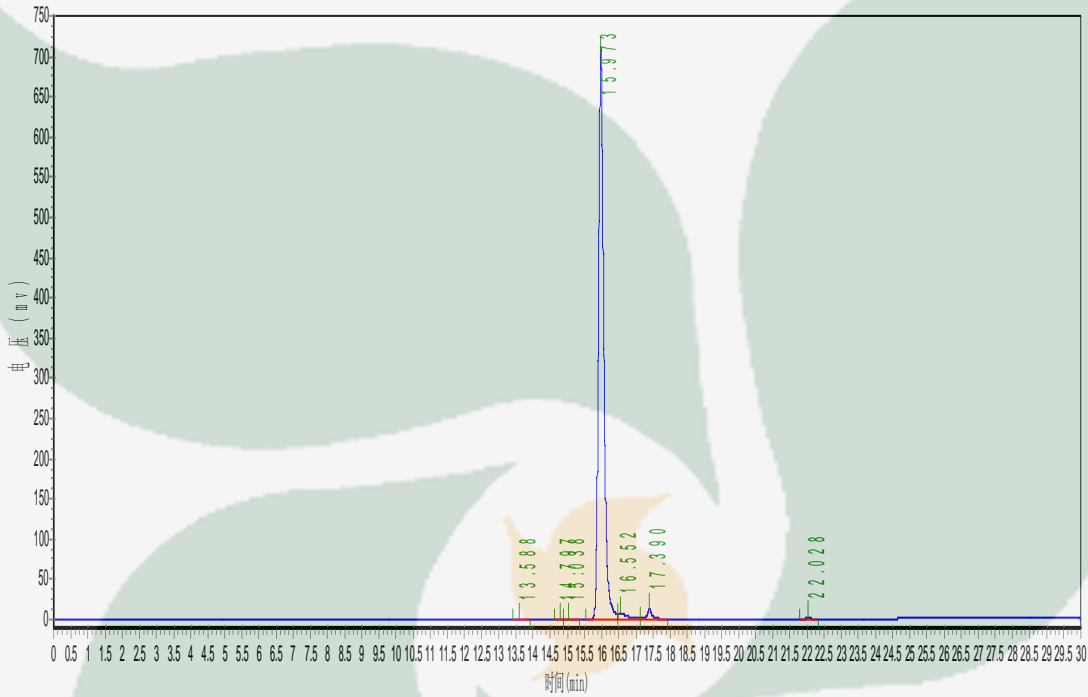
Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** isochlorogenic acid A(21.5V)  
**Chrom-Column:** C18  
**Lot Number:** 18041231  
**Mobile Phase:** ACN:0.1%HAC(grams)  
**Temperature:** 25°C  
**Wavelength:** 330nm  
**Detect Time:** 2018-04-12  
**Inject Vol:** 20ul  
**Analyst:** shuzhilin  
**Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	13.588	302.684	4159.350	0.0518
2	14.797	562.511	4815.117	0.0600
3	15.038	1009.070	17833.492	0.2223
4	15.973	708856.563	7704101.500	96.0283
5	16.552	6516.056	135064.484	1.6835
6	17.390	11744.564	134981.688	1.6825
7	22.028	2065.315	21783.299	0.2715

grams

Time/min	0	30
ACN	15	40
0.1%HAC	85	60