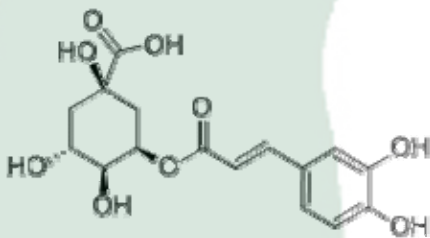


PRODUCT ID	E-0448	<p>Structure</p> 
PRODUCT	5-Dicaffeoylquinic acid /新绿原酸	
STANDARD TYPE	Quantitative Reference Standard/含量测定	
LOT NUMBER	18011721	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2018-01-17	
DATE OF REPORT	2018-01-17	

OTHER NAME neochlorogenic acid

CHEMICAL FORMULA C₁₆H₁₈O₉

MOLECULAR WEIGHT(MW) 354.31

CAS NUMBER 906-33-2

CHEMICAL FAMILY Phenylpropanoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK397—2007	NLT ≥98.0%	99.4%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK397—2007	NA	ND
Water	Q/TFFK397—2007	≤2%	Conforms
Appearance		White powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

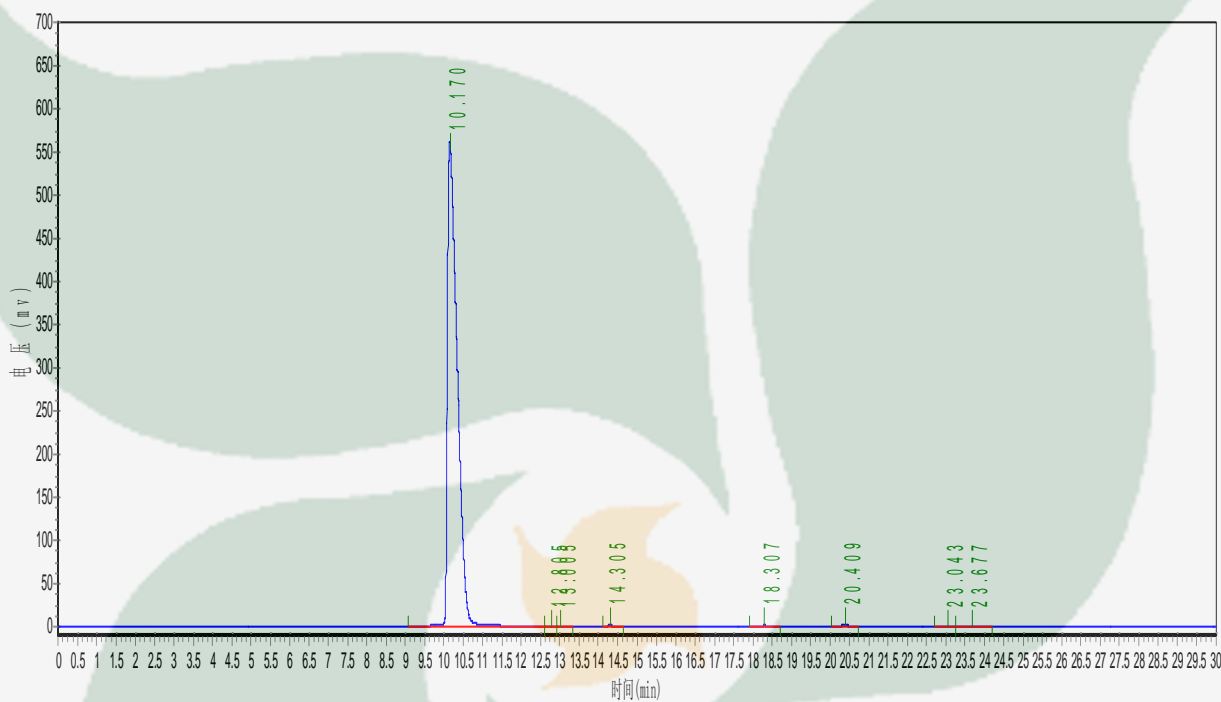
Analyst

Checker

Manager

Product Analysis Report

Product Name: 5-Dicarboxyquinic acid
Chrom-Column: C18
Lot Number: 18011721
Mobile Phase: ACN:0.1%HAC (grads)
Detector: UV
Wavelength: 330nm
Detect Time: 2018-01-17
Inject Vol: 20ul
Sample: 50%ACN
Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	10.170	558833.313	9789776.000	99.4059
2	12.805	236.659	3454.813	0.0351
3	13.005	210.205	4109.481	0.0417
4	14.305	879.253	12395.794	0.1259
5	18.307	774.552	10443.883	0.1060
6	20.409	2072.886	20209.301	0.2052
7	23.043	136.053	3289.828	0.0334
8	23.677	128.624	4608.433	0.0468

grads
 Time/min 0 30
 ACN 10 35
 0.1%HAC 90 65