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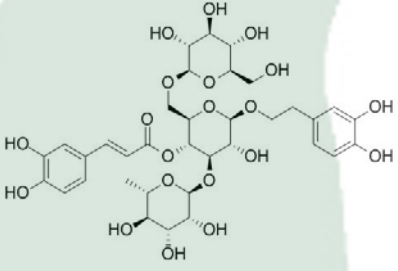
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

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URL: www.tautobiotech.com

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PRODUCT ID	E-0161	Structure 
PRODUCT	Echinacoside /松果菊苷	
STANDARD TYPE	Quantitative Reference Standard/含量测定	
LOT NUMBER	18050221	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-05-02	
DATE OF REPORT	2018-05-02	

OTHER NAME	NA
CHEMICAL FORMULA	C ₃₅ H ₄₆ O ₂₀
MOLECULAR WEIGHT(MW)	786.72774
CAS NUMBER	82854-37-3
CHEMICAL FAMILY	Phenolic Acids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK183—2007	NLT ≥98.0%	99.3%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK183—2007	NA	ND
Water	Q/TFFK183—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

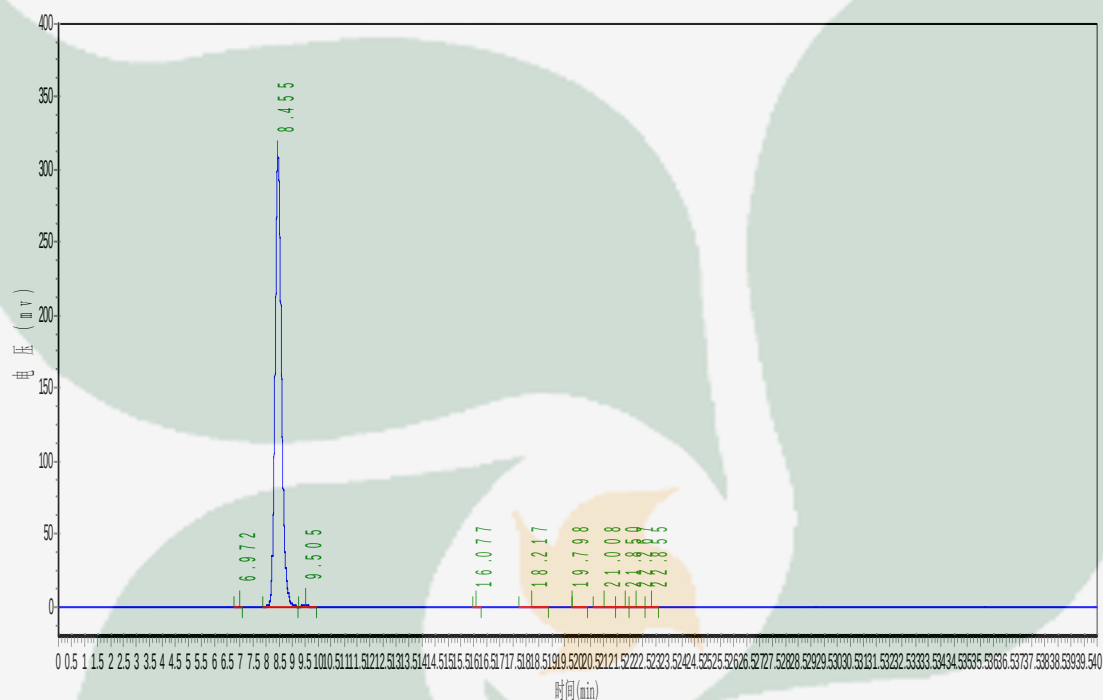
Product Name: Echinacoside Chrom-Column: C18

Lot Number: 18050221 Mobile Phase: MeOH:0.1%H3PO4 (35:65)

Detector: UV Wavelength: 330nm

Detect Time: 2018-05-02 Inject Vol: 20ul

Sample MeOH:0.1%H3PO4 Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.972	154.663	1489.400	0.0274
2	8.455	309209.969	5403842.500	99.3415
3	9.505	839.538	16027.104	0.2946
4	16.077	93.791	532.650	0.0098
5	18.217	284.727	8390.600	0.1542
6	19.798	62.601	1079.750	0.0198
7	21.008	130.252	2886.600	0.0531
8	21.850	111.988	1743.584	0.0321
9	22.267	105.972	2023.500	0.0372
10	22.855	133.206	1644.816	0.0302