



同田生物
TAUTO BIOTECH

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销售热线：400-820-3059

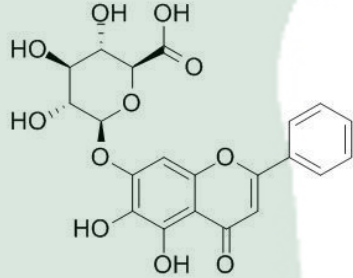
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

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PRODUCT ID	E-0050	Structure 
PRODUCT	Baicalin /黄芩苷	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	18031625	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-03-16	
DATE OF REPORT	2018-03-16	

OTHER NAME	Baicalein 7-O-glucuronide, Baicalein-7-D-glucuronide
CHEMICAL FORMULA	C ₂₁ H ₁₈ O ₁₁
MOLECULAR WEIGHT(MW)	446.36102
CAS NUMBER	21967-41-9
CHEMICAL FAMILY	Flavonoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK71—2006	NLT ≥98.0%	98.2%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK71—2006	NA	ND
Water	Q/TFFK71—2006	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

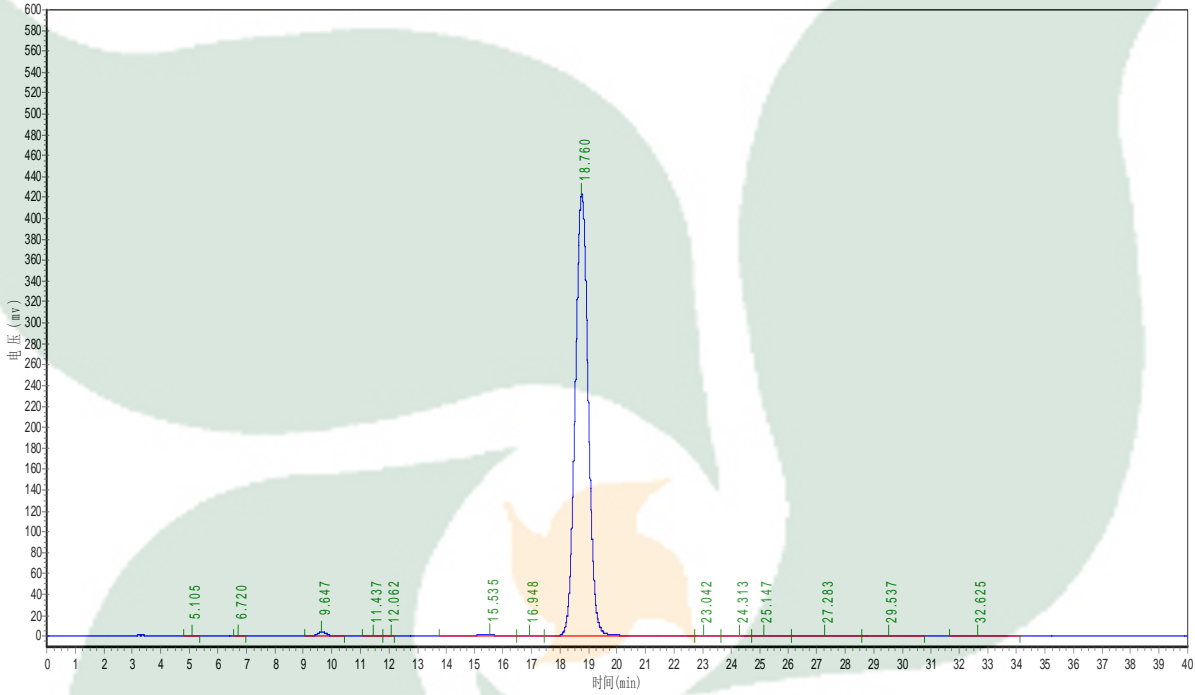
Analyst

Checker

Manager

Product Analysis Report

Product Name: Baicalin **Chrom-Column:** C18
Lot Number: 18031625 **Mobile Phase:** MeOH:0.1%H3PO4=47:53
Temperature: 25°C **Wavelength:** 280nm
Detect Time: 2018-03-16 **Inject Vol:** 20ul
Sample dissolution: DMSO **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.105	155.510	2224.850	0.0163
2	6.720	74.297	1075.900	0.0079
3	9.647	4110.220	85775.797	0.6277
4	11.437	86.051	1443.150	0.0106
5	12.062	44.033	512.650	0.0038
6	15.535	938.356	70635.266	0.5169
7	16.948	578.435	19425.035	0.1421
8	18.760	423563.813	13426417.000	98.2478
9	23.042	39.086	1325.298	0.0097
10	24.313	183.056	5662.417	0.0414
11	25.147	173.693	7482.536	0.0548
12	27.283	113.323	8356.826	0.0612
13	29.537	224.043	10341.298	0.0757
14	32.625	512.564	25194.727	0.1844