



同田生物
TAUTO BIOTECH

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PRODUCT ID	E-0038	<p style="text-align: center;">Structure</p>
PRODUCT	Epigallocatechin gallate / 表没食子儿茶素没食子酸酯	
STANDARD TYPE	Quantitative Reference Standard/(含量测定)	
LOT NUMBER	18031642	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-03-16	
DATE OF REPORT	2018-03-16	

OTHER NAME EGCG

CHEMICAL FORMULA C22H18O11

MOLECULAR WEIGHT(MW) 458.37172

CAS NUMBER 989-51-5

CHEMICAL FAMILY Flavonoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK766—2010	NLT ≥98.0%	99.0%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK766—2010	NA	ND
Water	Q/TFFK766—2010	≤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: Epigallocatechin gallate

Chrom-Column: C18

Lot Number: 18031642

Mobile Phase: MeOH:0.1%H3PO4=32: 68

Detector: UV

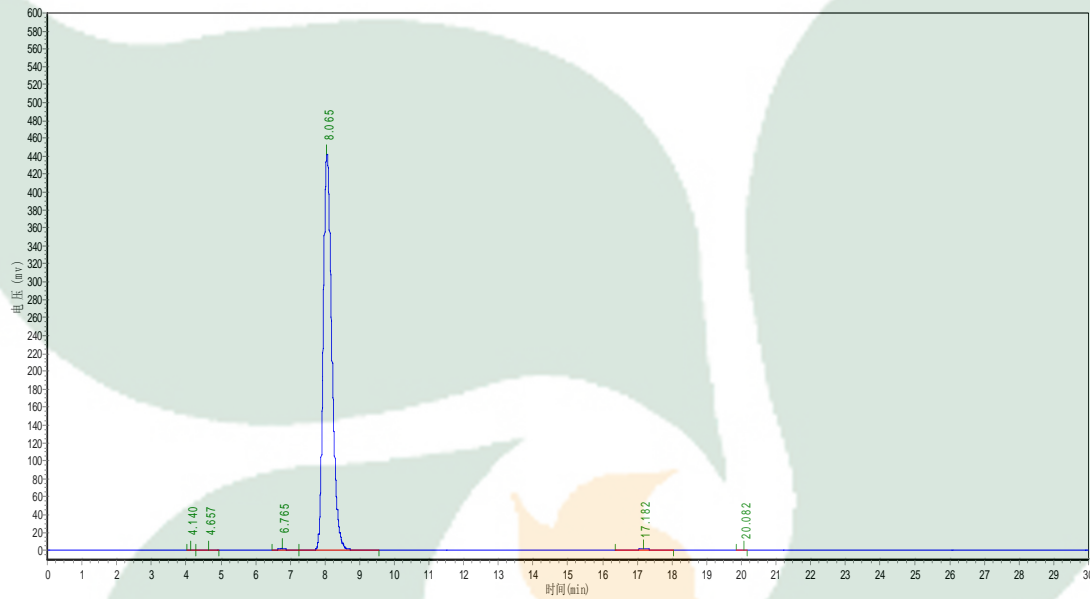
Wavelength: 280nm

Detect Time: 2018-03-16

Inject Vol: 20ul

Sample: 50%MeOH

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.140	111.625	928.900	0.0120
2	4.657	269.241	4641.800	0.0601
3	6.765	2130.128	28933.600	0.3743
4	8.065	441279.969	7657036.500	99.0605
5	17.182	1242.248	37937.199	0.4908
6	20.082	14.200	176.500	0.0023