



**同田生物**  
**TAUTO BIOTECH**

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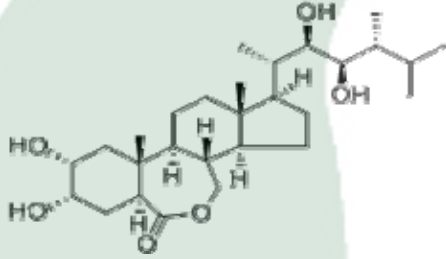
86-21-51320588-8008/8035/8026/8025

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PRODUCT ID	E-2719	<p align="center"><b>Structure</b></p> 
PRODUCT	Brassinolide/芸苔素内酯	
STANDARD TYPE	Qualitative Analysis/鉴别	
LOT NUMBER	18032023	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-03-20	
DATE OF REPORT	2018-03-20	

OTHER NAME	油菜素内酯
CHEMICAL FORMULA	C <sub>28</sub> H <sub>48</sub> O <sub>6</sub>
MOLECULAR WEIGHT(MW)	480.68
CAS NUMBER	72962-43-7
CHEMICAL FAMILY	油菜花粉

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK95—2007	NLT ≥94.0%	94.9%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK95—2007	NA	ND
Water	Q/TFFK95—2007	≤2%	Conforms
Appearance		White Powder	Conforms

**STORAGE CONDITIONS**

STORAGE	Refer to the label
SHELF LIFE	2 Years

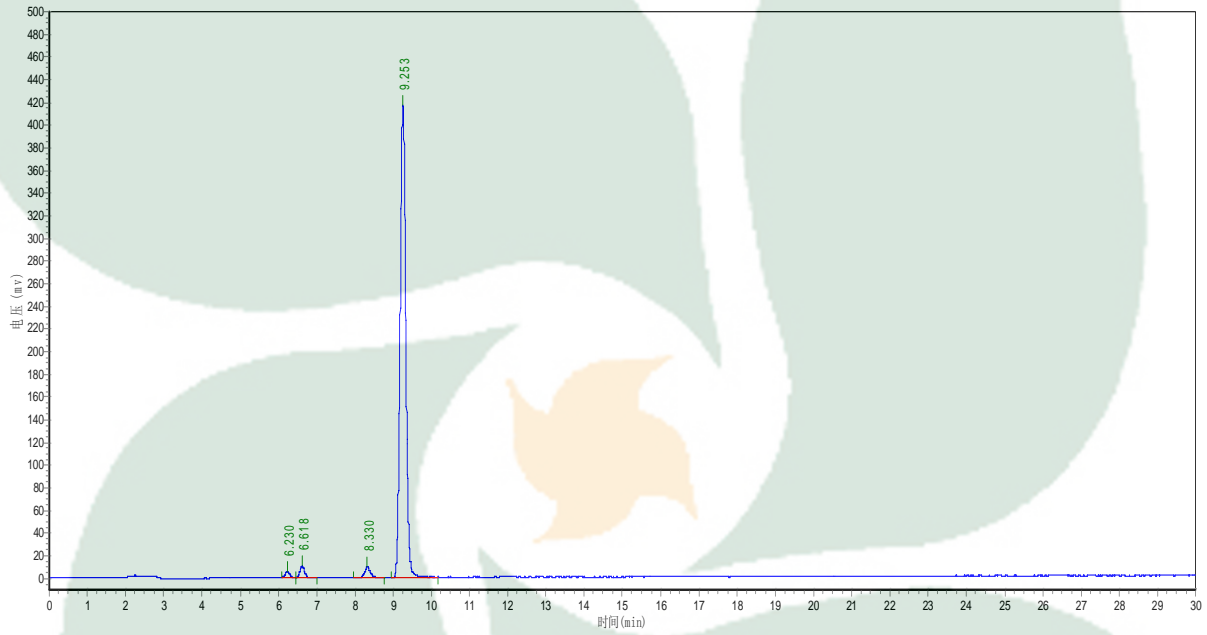
Analyst

Checker

Manager

# Product Analysis Report

Product Name: Brassinolide      Chrom-Column: C18  
Lot Number: 18032023      Mobile Phase: ACN: H2O=50:50  
Detect Time: 2018-3-20      Detector: ELSD  
Inject Vol: 20 $\mu$ L      Tube Temp: 105.0 $^{\circ}$ C  
Flow: 1.0ml/min      Gas Flow: 2.5 L/min  
Sample dissolution: MeOH      Impactor: Off



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.230	4933.781	38868.043	0.8584
2	6.618	10334.969	85949.359	1.8982
3	8.330	10208.549	104837.070	2.3153
4	9.253	416371.875	4298365.500	94.9281