



**同田生物**  
**TAUTO BIOTECH**

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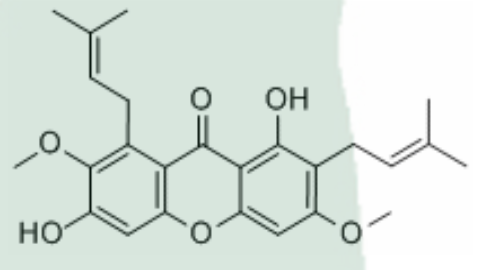
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<b>PRODUCT ID</b>	E-0362	<b>Structure</b> 
<b>PRODUCT</b>	β-Mangostin/β-倒捻子素	
<b>STANDARD TYPE</b>	Quantitative Reference Standard/含量测定	
<b>LOT NUMBER</b>	16101921	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2016-10-19	
<b>DATE OF REPORT</b>	2016-10-19	

**CHEMICAL NAME**

**OTHER NAME**

**CHEMICAL FORMULA**

C<sub>25</sub>H<sub>28</sub>O<sub>6</sub>

**MOLECULAR WEIGHT(MW)**

424.49

**CAS NUMBER**

20931-37-7

**CHEMICAL FAMILY**

**FROM**

藤黄科藤黄属植物山竹子Garcinia mangostana. L. 果壳

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK246—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK246—2007	NA	ND
Water	Q/TFFK246—2007	≤2%	Conforms
Appearance		Yellow Powder	Conforms

**STORAGE CONDITIONS**

STORAGE

Refer to the label

SHELF LIFE

2 Years

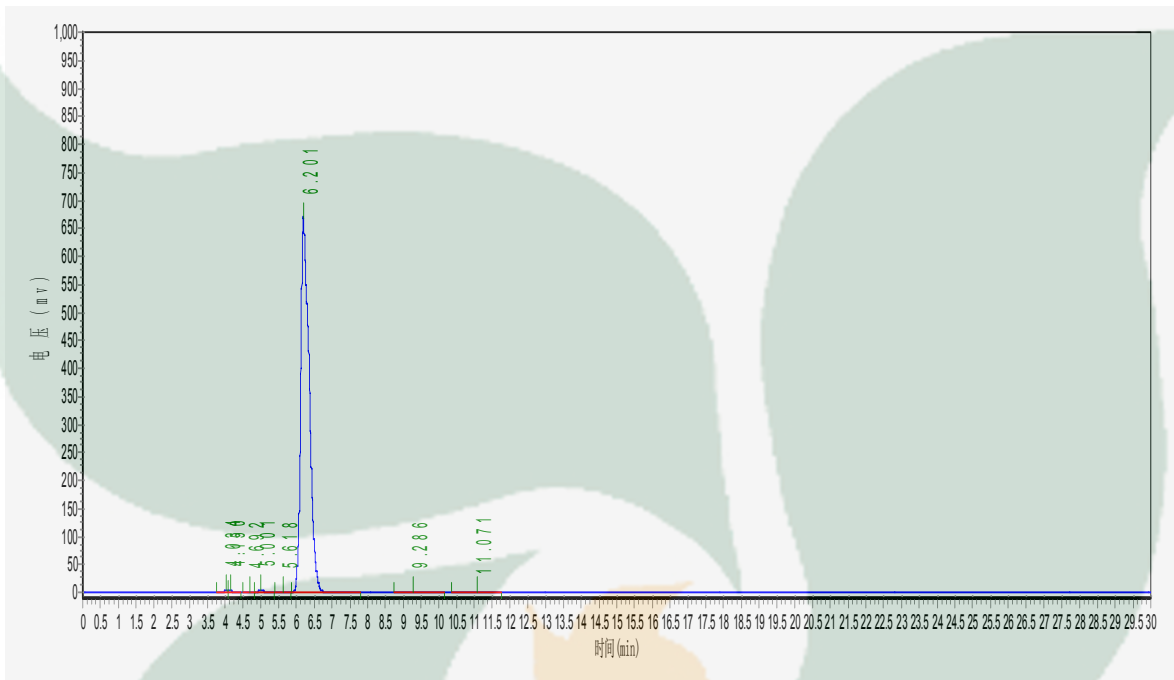
Analyst

Checker

Manager

# Product Analysis Report

Product Name:  $\beta$ -Mangostin      Chrom-Column: C18  
 Lot Number: 16101921      Mobile Phase: ACN:H<sub>2</sub>O=70:30  
 Detector: UV      Wavelength: 246nm  
 Detect Time: 2016-10-19      Inject Vol: 20ul  
 Analyst: shuzhilin      Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.034	1906.506	15548.722	0.1388
2	4.150	2176.084	19625.379	0.1752
3	4.692	844.374	9177.647	0.0819
4	5.001	2596.617	36199.754	0.3232
5	5.618	244.972	3906.416	0.0349
6	6.201	668283.313	11067828.000	98.8021
7	9.286	1642.767	35315.801	0.3153
8	11.071	542.885	14409.637	0.1286