



**同田生物**  
**TAUTO BIOTECH**

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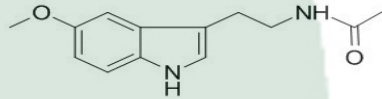
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<b>PRODUCT ID</b>	E-1988	<b>Structure</b>  
<b>PRODUCT</b>	Melatonine/褪黑素	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	18050721	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2018-05-07	
<b>DATE OF REPORT</b>	2018-05-07	

**OTHER NAME** 松果体素；美拉托宁

**CHEMICAL FORMULA** C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>

**MOLECULAR WEIGHT(MW)** 232

**CAS NUMBER** 73-31-4

**CHEMICAL FAMILY** Alkaloids

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK136—2007	NLT ≥98.0%	99.7%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK136—2007	NA	ND
Water	Q/TFFK136—2007	≤2%	Conforms
Appearance		White Powder	Conforms

**STORAGE CONDITIONS**

STORAGE Refer to the label

SHELF LIFE 2 Years

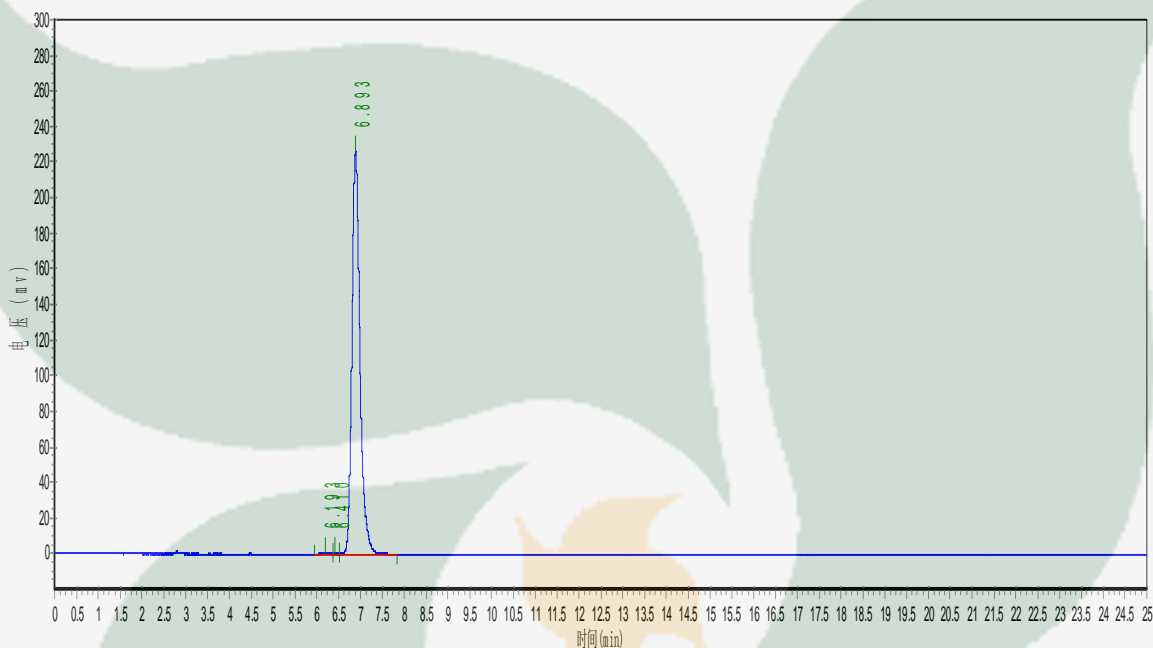
Analyst

Checker

Manager

# Product Analysis Report

Product Name: Melatonin      Chrom-Column: C18  
Lot Number: 18050721      Mobile Phase: MeOH:H2O=50:50  
Detector: UV      Wavelength: 230nm  
Detect Time: 2018-05-07      Inject Vol: 20ul  
Sample: H2O:MeOH=1:1      Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.193	250.065	4754.882	0.1637
2	6.410	212.480	1654.980	0.0570
3	6.893	227081.953	2898850.000	99.7794