



同田生物  
TAUTO BIOTECH

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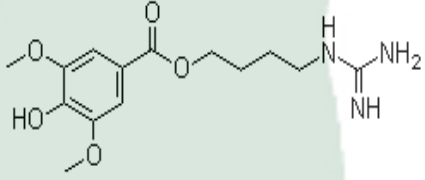
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

QQ:800015916

URL: www.tautobiotech.com

Mail: sales2@tautobiotech.com export2@tautobiotech.com

PRODUCT ID	E-3579	<b>Structure</b> 
PRODUCT	Leonurine/益母草碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18071123	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-07-11	
DATE OF REPORT	2018-07-11	

OTHER NAME	NA
CHEMICAL FORMULA	C <sub>14</sub> H <sub>21</sub> O <sub>5</sub> N <sub>3</sub>
MOLECULAR WEIGHT(MW)	311.33
CAS NUMBER	24697-74-3
CHEMICAL FAMILY	Alkaloids

#### ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK265—2007	NLT ≥98.0%	99.3%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK265—2007	NA	ND
Water	Q/TFFK265—2007	≤2%	Conforms
Appearance		white powder	Conforms

#### STORAGE CONDITIONS

STORAGE  
SHELF LIFE  
Analyst

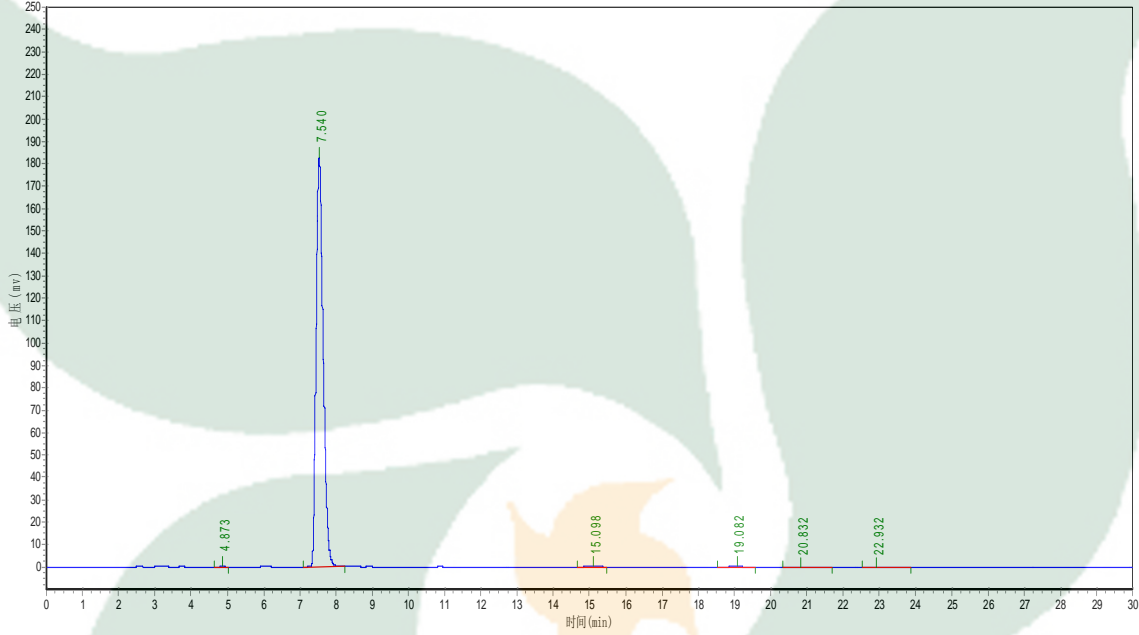
Refer to the label  
2 Years

Checker

Manager

# Product Analysis Report

**Product Name:** Leonurine      **Chrom-Column** C18  
**Lot Number:** 18071123      **Mobile Phase:** ACN:0.1%H3PO4=18:82  
**Detector:** UV      **Wavelength:** 277nm  
**Detect Time:** 2018-07-11      **Inject Vol:** 20ul  
**Sample dissolution:** MeOH      **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.873	171.191	1490.450	0.0603
2	7.540	182807.438	2455779.750	99.3475
3	15.098	287.113	6360.450	0.2573
4	19.082	125.905	3613.300	0.1462
5	20.832	55.854	2074.500	0.0839
6	22.932	65.800	2589.700	0.1048