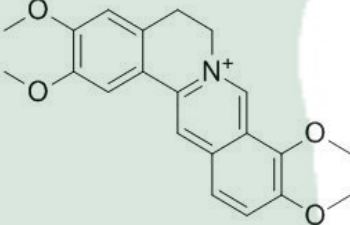


PRODUCT ID	E-0561	Structure 
PRODUCT	Palmatine/巴马汀	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18060425	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-06-04	
DATE OF REPORT	2018-06-04	

OTHER NAME 黄藤素;棕榈碱;Berbericine; Hindarinine

CHEMICAL FORMULA C₂₁H₂₂NO₄⁺

MOLECULAR WEIGHT(MW) 352.41

CAS NUMBER 3486-67-7

CHEMICAL FAMILY Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK265—2007	NLT ≥98.0%	98.6%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK265—2007	NA	ND
Water	Q/TFFK265—2007	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

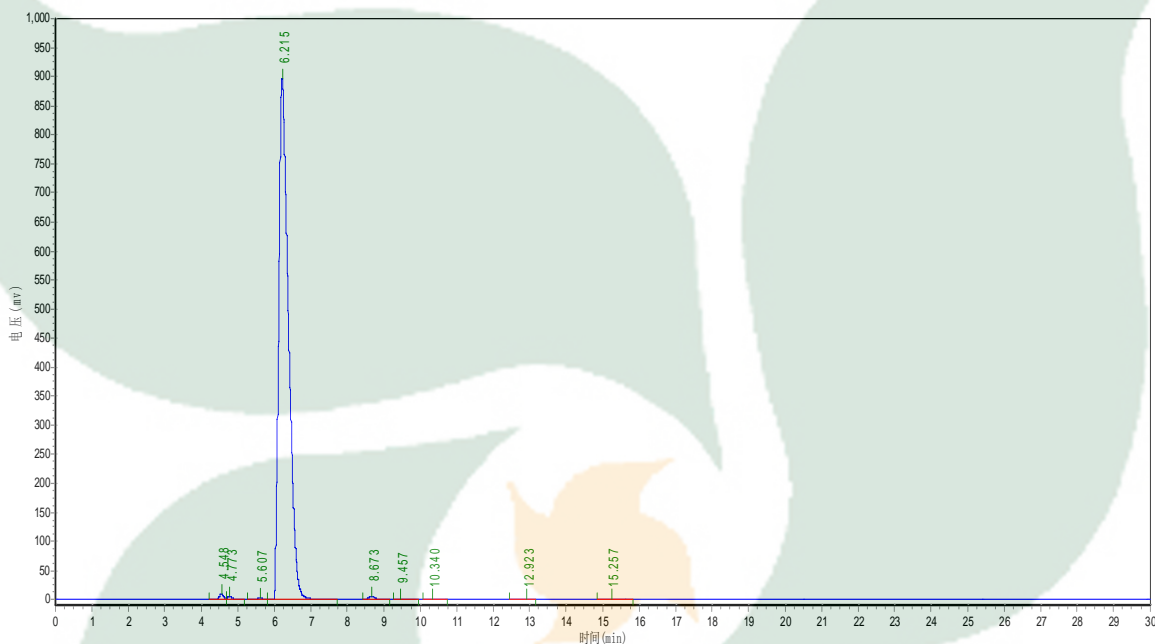
Analyst

Checker

Manager

Product Analysis Report

Product Name: Palmatine **Chrom-Column** C18
Lot Number: 18060425 **Mobile Phase:** ACN:0.1%H3PO4(32:68)
Detector: UV **Wavelength:** 345nm
Detect Time: 2018-06-04 **Inject Vol:** 20ul
Sample dissolution: H2O **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.548	9515.345	74788.289	0.4490
2	4.773	4970.584	45023.059	0.2703
3	5.607	2225.313	19057.301	0.1144
4	6.215	896066.375	16437079.000	98.6711
5	8.673	5102.795	65081.602	0.3907
6	9.457	74.561	1075.100	0.0065
7	10.340	54.051	998.400	0.0060
8	12.923	85.744	1573.700	0.0094
9	15.257	652.690	13779.000	0.0827