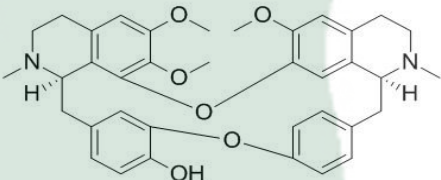


PRODUCT ID	E-2883	Structure 
PRODUCT	Berbamine/小檗胺	
STANDARD TYPE	Quantitative Reference Standard/含量测定	
LOT NUMBER	18040922	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-04-09	
DATE OF REPORT	2018-04-09	

OTHER NAME Berbenine
CHEMICAL FORMULA C37H40N2O6
MOLECULAR WEIGHT(MW) 608.735
CAS NUMBER 478-61-5
CHEMICAL FAMILY Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK100—2007	NLT ≥98.0%	99.1%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK100—2007	NA	ND
Water	Q/TFFK100—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE
SHELF LIFE

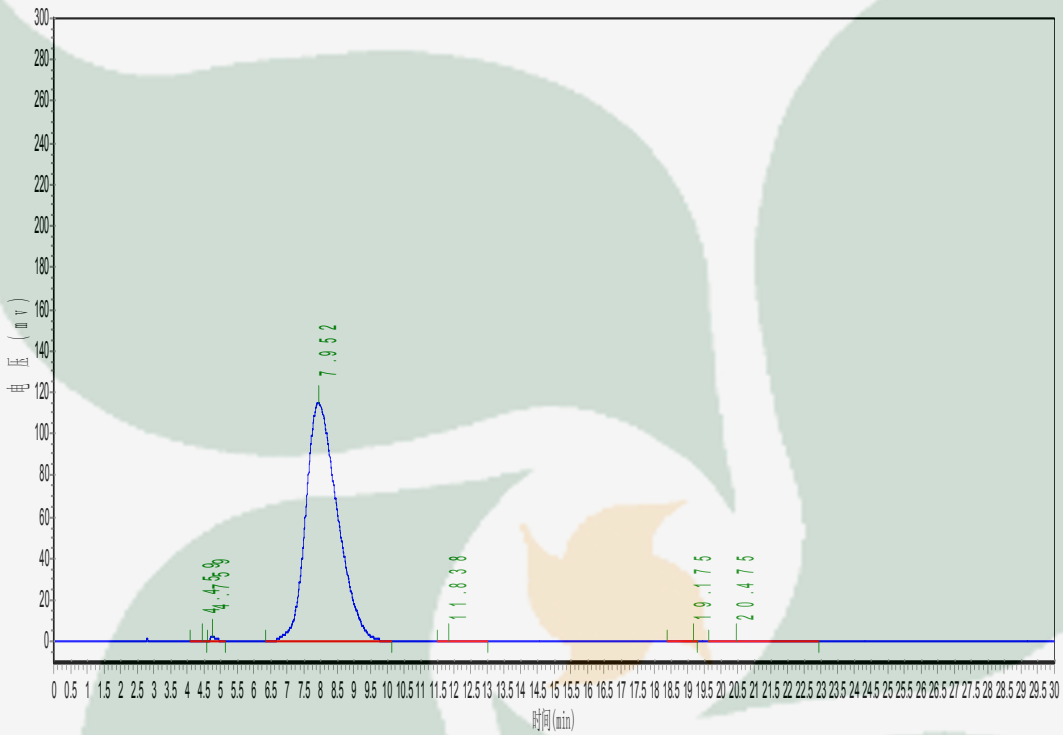
Refer to the label

2 Years

Analyst
Checker
Manager

Product Analysis Report

Product Name: Berbamine Chrom-Column: C18
Lot Number: 18040922 Mobile Phase: ACN:0.1%H3PO4=20:80
Temperature: 25°C Wavelength: 280nm
Detect Time: 2018-04-09 Inject Vol: 20µL
Sample: 60%MeOH Flow: 1ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.459	326.643	5540.890	0.0726
2	4.759	2324.357	23333.271	0.3057
3	7.952	114355.914	7566718.500	99.1241
4	11.838	131.111	5754.200	0.0754
5	19.175	150.875	4185.525	0.0548
6	20.475	225.750	28047.775	0.3674