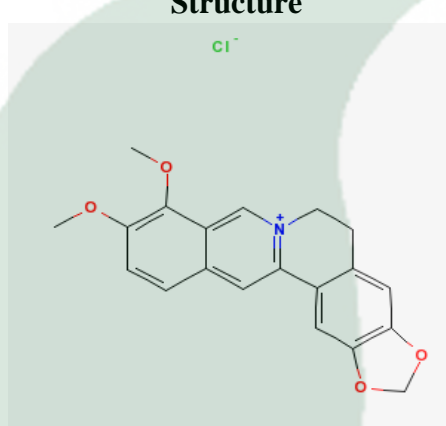


PRODUCT ID	E-0295	<p align="center">Structure</p> 
PRODUCT	Berberine hydrochloride /盐酸小檗碱	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	18041241	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-04-12	
DATE OF REPORT	2018-04-12	

OTHER NAME 盐酸黄连素; Berberinium chloride

CHEMICAL FORMULA C₂₀H₁₈ClNO₄

MOLECULAR WEIGHT(MW) 371.81422

CAS NUMBER 633-65-8

CHEMICAL FAMILY Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK298—2007	NLT ≥97.0%	97.04%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK298—2007	NA	ND
Water	Q/TFFK298—2007	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

Analyst

Checker

Manager

Product Analysis Report

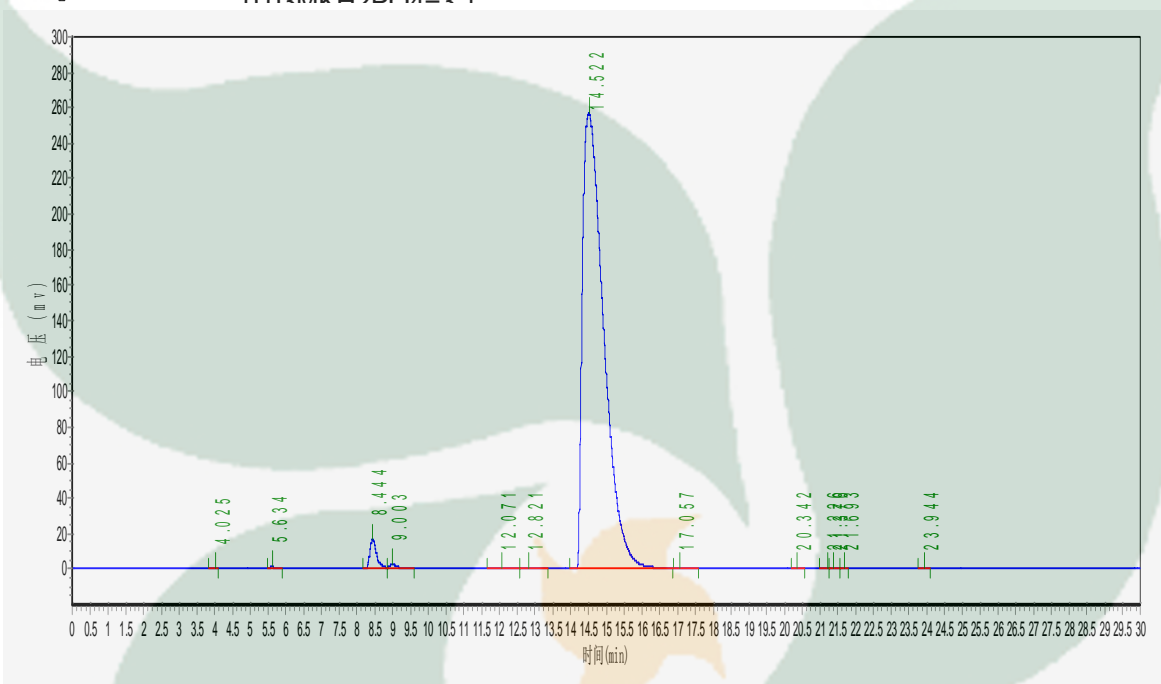
Product Name: Berberine hydrochloride Chrom-Column: C18

Lot Number: 18041241 Mobile Phase: ACN: 0.03MKH₂PO₄ (30: 70)

Detector: UV Wavelength: 345nm

Detect Time: 2018-04-12 Inject Vol: 20ul

Sample MeOH: 0.03MKH₂PO₄-2:1 Flow: 1.0ml/min



No.	Name	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1		4.025	136.333	1188.580	0.0108
2		5.634	1125.719	10257.910	0.0936
3		8.444	16886.787	224292.250	2.0459
4		9.003	2779.933	42066.086	0.3837
5		12.071	954.205	21252.785	0.1939
6		12.821	792.173	17083.773	0.1558
7		14.522	256895.297	10638894.000	97.0412
8		17.057	101.279	1876.200	0.0171
9		20.342	98.361	1135.025	0.0104
10		21.226	94.357	1007.187	0.0092
11		21.376	126.438	1998.167	0.0182
12		21.693	106.607	1088.975	0.0099
13		23.944	98.148	1138.267	0.0104