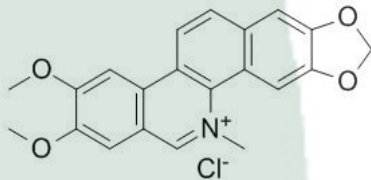


PRODUCT ID	E-0111	Structure 
PRODUCT	Nitidine chloride /氯化两面针碱	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	18062121	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-06-21	
DATE OF REPORT	2018-06-21	

OTHER NAME	NA
CHEMICAL FORMULA	C ₂₁ H ₁₈ ClNO ₄
MOLECULAR WEIGHT(MW)	382.82492
CAS NUMBER	13063-04-2
CHEMICAL FAMILY	Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK107—2007	NLT ≥97.0%	97.3%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK107—2007	NA	ND
Water	Q/TFFK107—2007	≤2%	Conforms
Appearance		yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

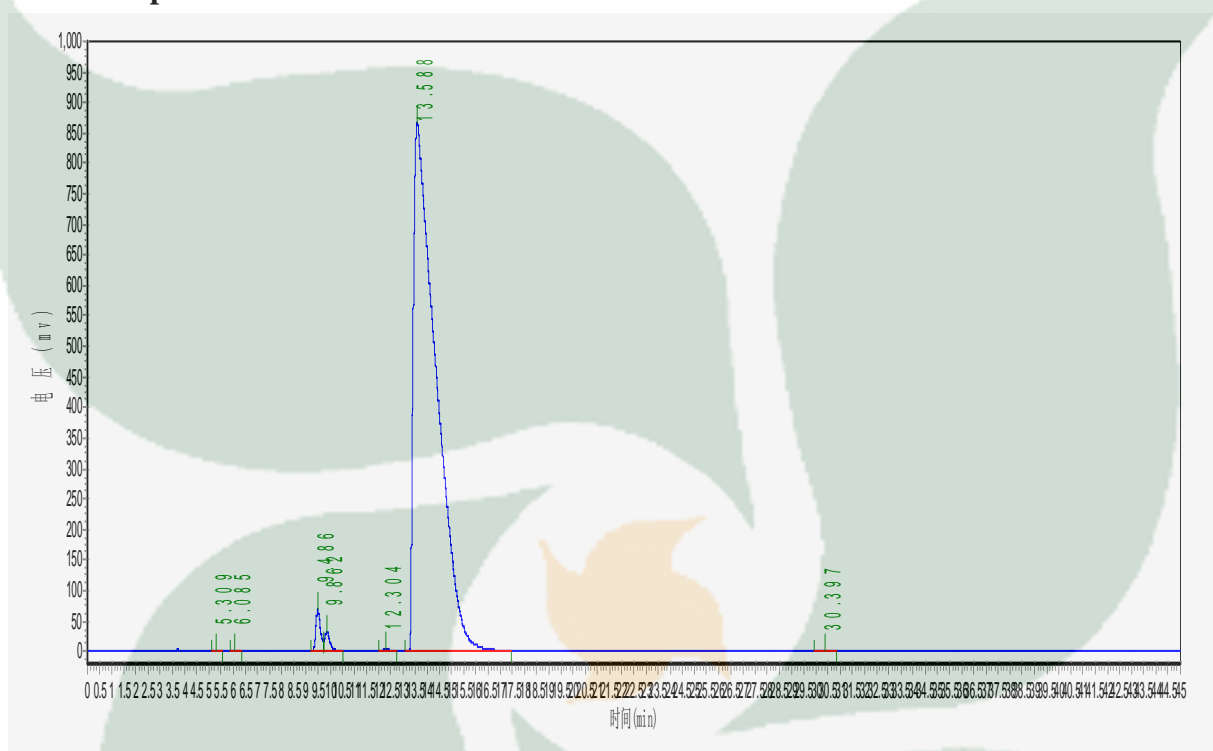
Analyst

Checker

Manager

Product Analysis Report

Product Name: Nitidine chloride **Chrom-Column:** C18
Lot Number: 18062121 **Mobile Phase:** ACN:(0.1%TEA+0.1%
H3PO4)=28:72
Detector: UV **Wavelength:** 273nm
Detect Time: 2018-06-21 **Inject Vol:** 20ul
Sample dissolution: 70%MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.309	565.796	6470.989	0.0113
2	6.085	2120.474	20659.000	0.0362
3	9.486	67542.758	912587.688	1.5997
4	9.862	31749.484	483508.313	0.8476
5	12.304	4529.565	68181.602	0.1195
6	13.588	867015.250	55549076.000	97.3752
7	30.397	226.782	5944.300	0.0104