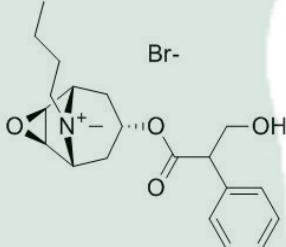


PRODUCT ID	E-0543	Structure 
PRODUCT	Scopolamine butylbromide/丁溴东莨菪碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16101023	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-10-10	
DATE OF REPORT	2016-10-10	

CHEMICAL NAME	3-Oxa-9-azoniatricyclo[3.3.1.0 ^{2,4}]nonane, 9-butyl-7-[(2S)-3-hydroxy-1-oxo-2-phenylpropoxy]-9-methyl-, bromide (1:1), (1 α ,2 β ,4 β ,5 α ,7 β)-
OTHER NAME	BUTYLMIN
CHEMICAL FORMULA	C ₂₁ H ₃₀ BrNO ₄
MOLECULAR WEIGHT(MW)	440.37
CAS NUMBER	149-64-4
CHEMICAL FAMILY	Alkaloids生物碱类
FROM	茄科植物白曼陀罗 (<i>Datura metm</i> L) 的干燥花 (洋金花)

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK611—2010	NLT \geq 98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK611—2010	NA	ND
Water	Q/TFFK611—2010	\leq 2%	Conforms
Appearance		White powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

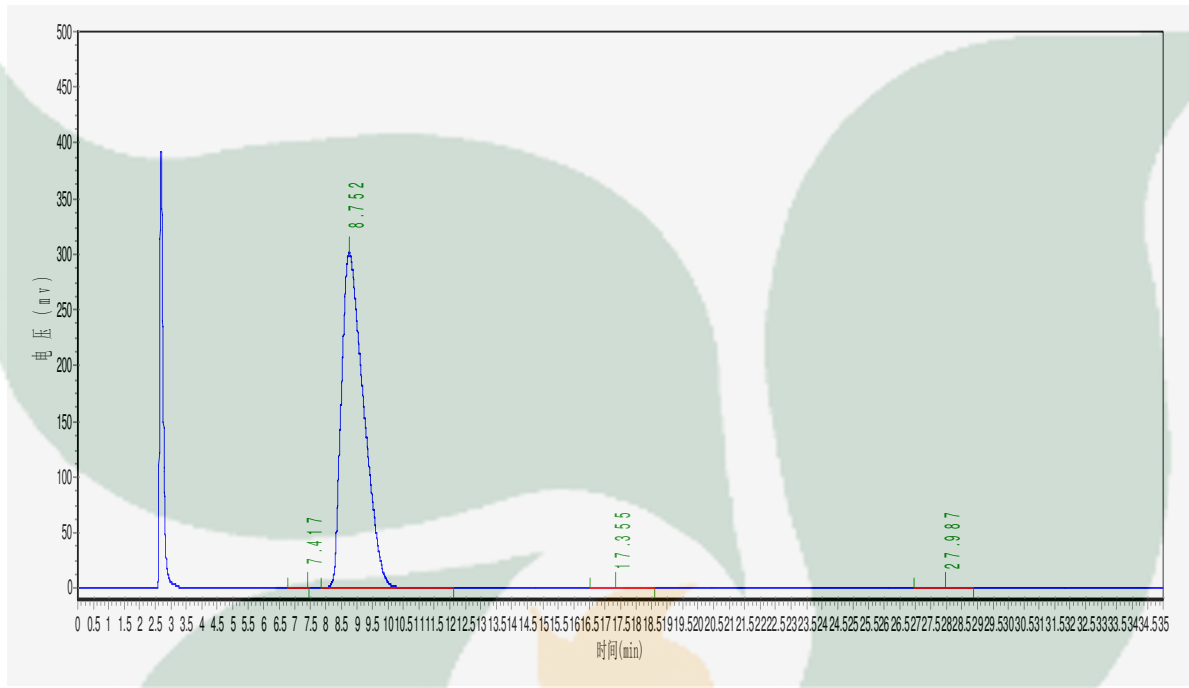
Analyst

Checker

Manager

Product Analysis Report

Product Name: Scopolamine butylbromide Chrom-Column: C18
Lot Number: 16101023 Mobile Phase: MeOH:0.1%H3P04=38: 62
Temperature: 25°C Wavelength: 210nm
Detect Time: 2016-10-10 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	7.417	502.002	9276.503	0.0620
2	8.752	301464.000	14934608.000	99.7729
3	17.355	437.783	20393.299	0.1362
4	27.987	67.724	4330.100	0.0289