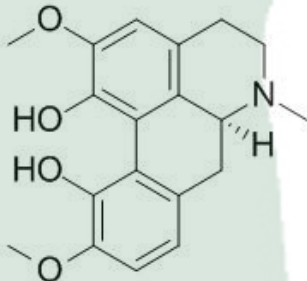


<b>PRODUCT ID</b>	E-3490	<b>Structure</b> 
<b>PRODUCT</b>	Corytuberine/紫堇块茎碱	
<b>STANDARD TYPE</b>	Qualitative Reference Material/ 含量测定	
<b>LOT NUMBER</b>	18052223	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2018-05-22	
<b>DATE OF REPORT</b>	2018-05-22	

<b>OTHER NAME</b>	NA
<b>CHEMICAL FORMULA</b>	C <sub>19</sub> H <sub>21</sub> NO <sub>4</sub>
<b>MOLECULAR WEIGHT(MW)</b>	327.37
<b>CAS NUMBER</b>	517-56-6
<b>CHEMICAL FAMILY</b>	Alkaloids

#### ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
<b>HPLC</b>	Q/TFFK675—2010	NLT ≥98.0%	99.8%
<b>NMR</b>		Conforms	Conforms
<b>MS</b>		Conforms	Conforms
<b>Residual Solvent</b>	Q/TFFK675—2010	NA	ND
<b>Water</b>	Q/TFFK675—2010	≤2%	Conforms
<b>Appearance</b>		White Crystal	Conforms

#### STORAGE CONDITIONS

<b>STORAGE</b>	Refer to the label
<b>SHELF LIFE</b>	2 Years

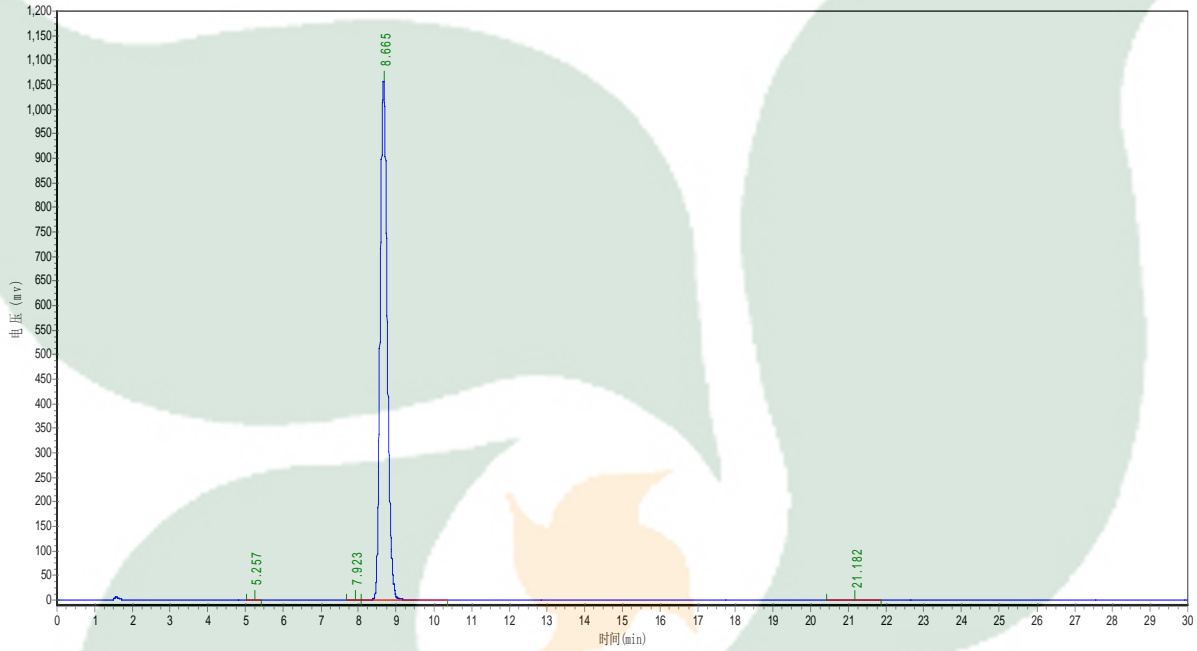
**Analyst**

**Checker**

**Manager**

# Product Analysis Report

**Product Name:** Corytuberine **Chrom-Column** C18  
**Lot Number:** 18052223 **Mobile Phase:** ACN:0.05%TEA=50:50  
**Detector:** UV **Wavelength:** 268nm  
**Detect Time:** 2018-05-22 **Inject Vol:** 20ul  
**Sample dissolution:** MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.257	91.200	1001.250	0.0072
2	7.923	508.241	6084.336	0.0439
3	8.665	1054950.125	13855063.000	99.8566
4	21.182	450.885	12815.500	0.0924