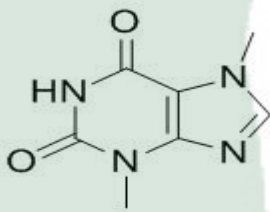


<b>PRODUCT ID</b>	E-2698	<b>Structure</b>  
<b>PRODUCT</b>	Theobromine/可可碱	
<b>STANDARD TYPE</b>	Quantitative Reference Standard/含量测定	
<b>LOT NUMBER</b>	17022321	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2017-02-23	
<b>DATE OF REPORT</b>	2017-02-23	

**CHEMICAL NAME**
**OTHER NAME**
**CHEMICAL FORMULA**

C7H8N4O2

**MOLECULAR WEIGHT(MW)**

180.16

**CAS NUMBER**

83-67-0

**CHEMICAL FAMILY**

Alkaloids生物碱类

**FROM**

茶叶tea leaves

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
<b>HPLC</b>	Q/TFFK65—2006	NLT ≥98.0%	Conforms
<b>NMR</b>		Conforms	Conforms
<b>MS</b>		Conforms	Conforms
<b>Residual Solvent</b>	Q/TFFK65—2006	NA	ND
<b>Water</b>	Q/TFFK65—2006	≤2%	Conforms
<b>Appearance</b>		White Powder	Conforms

**STORAGE CONDITIONS**
**STORAGE**

Refer to the label

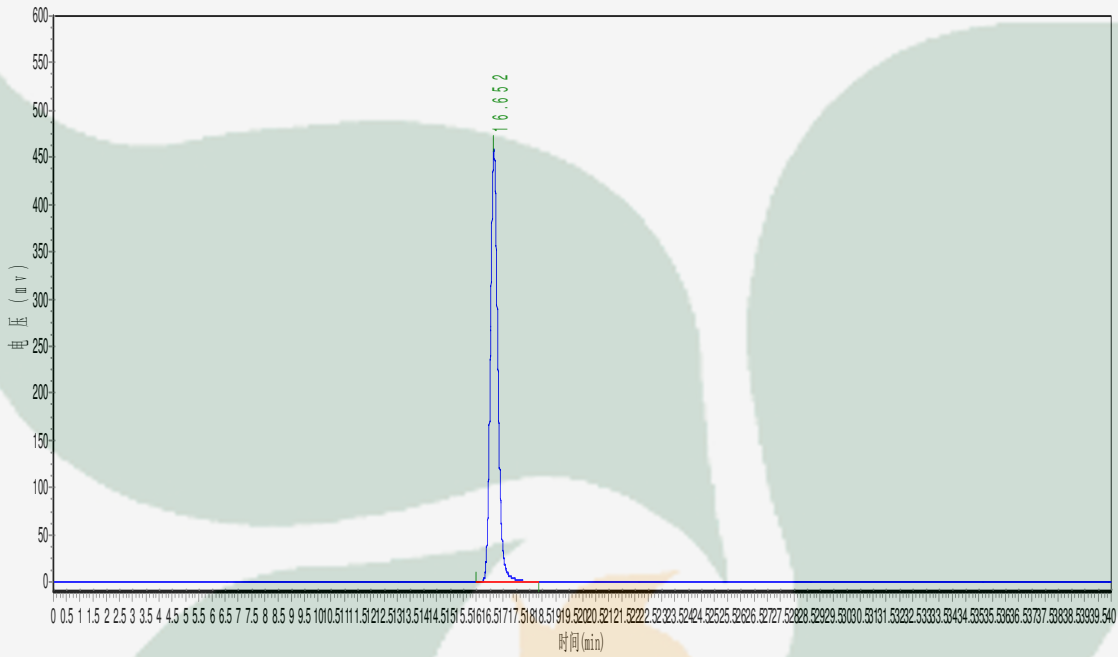
**SHELF LIFE**

2 Years

**Analyst**
**Checker**
**Manager**

# Product Analysis Report

Product Name: Theobromine Chrom-Column: C18  
Lot Number: 17022321 Mobile Phase: ACN: 0.025MKH<sub>2</sub>PO<sub>4</sub> (5:95)  
Detector: UV Wavelength: 274nm  
Detect Time: 2017-02-23 Inject Vol: 20ul  
Analyst: shuzhilin Flow: 1.0ml/min



No.	Name	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1		16.652	457826.156	9036103.000	100.0000