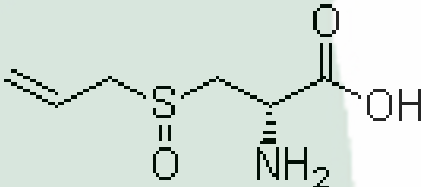


<b>PRODUCT ID</b>	E-1016	<b>Structure</b>  
<b>PRODUCT</b>	Alliin / 蒜氨酸	
<b>STANDARD TYPE</b>	Qualitative Analysis/鉴别用	
<b>LOT NUMBER</b>	17051331	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2017-05-13	
<b>DATE OF REPORT</b>	2017-05-13	

<b>OTHER NAME</b>	蒜碱
<b>CHEMICAL FORMULA</b>	C <sub>6</sub> H <sub>11</sub> NO <sub>3</sub> S
<b>MOLECULAR WEIGHT(MW)</b>	177.2214
<b>CAS NUMBER</b>	556-27-4
<b>CHEMICAL FAMILY</b>	amino acid氨基酸类
<b>FROM</b>	garlic oil ( <i>Allium sativum</i> ), also from ramsons ( <i>Allium ursinum</i> ) 大蒜油或者熊果大蒜

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK57—2006	NLT ≥93.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK57—2006	NA	ND
Water	Q/TFFK57—2006	≤2%	Conforms
Appearance		White Powder	Conforms

**STORAGE CONDITIONS**

STORAGE	Refer to the label
SHELF LIFE	2 Years

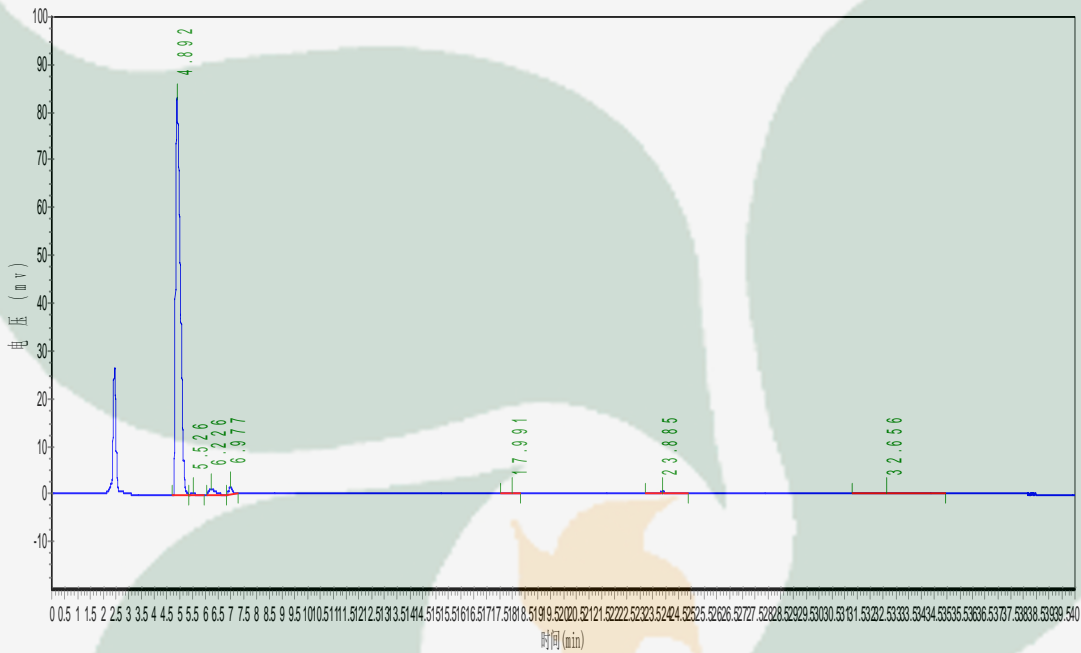
Analyst

Checker

Manager

# Product Analysis Report

Product Name: Alliin      Chrom-Column: C18  
Lot Number: 17051331      Mobile Phase: 100%H2O  
Temperature: 25°C      Wavelength: 214nm  
Detect Time: 2017-05-13      Inject Vol: 20ul  
Analyst: shuzhilin      Flow: 1.0ml/min



No.	Ret.Time	Height	Area	Rel.Area
1	4.892	83099.523	1071061.000	93.2883
2	5.526	306.333	4358.176	0.3796
3	6.226	1411.547	28206.699	2.4568
4	6.977	1646.873	16734.850	1.4576
5	17.991	151.489	3137.900	0.2733
6	23.885	281.208	13334.600	1.1614
7	32.656	105.845	11286.000	0.9830