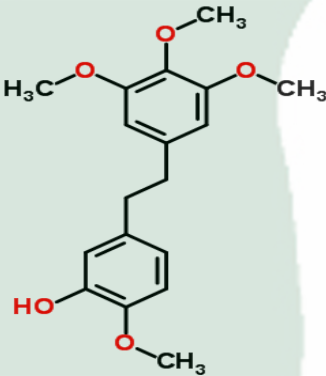


<b>PRODUCT ID</b>	E-1055	<p style="text-align: center;"><b>Structure</b></p> 
<b>PRODUCT</b>	Phenol/毛兰素	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	17112021	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2017-11-20	
<b>DATE OF REPORT</b>	2017-11-20	

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

 C<sub>18</sub>H<sub>22</sub>O<sub>5</sub>
**MOLECULAR WEIGHT(MW)**

318.36

**CAS NUMBER**

95041-90-0

**CHEMICAL FAMILY**
**FROM**

Dendrobium chrysotoxum

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
<b>HPLC</b>	Q/TFFK170—2007	NLT ≥98.0%	Conforms
<b>NMR</b>		Conforms	Conforms
<b>MS</b>		Conforms	Conforms
<b>Residual Solvent</b>	Q/TFFK170—2007	NA	ND
<b>Water</b>	Q/TFFK170—2007	≤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:** Phenol

**Chrom-Colour** Arcus C18

**Lot Number:** 17112021

**Mobile Phase** ACN:0.05%H3PO4  
(grads 35%-65%)

**Detector:** UV

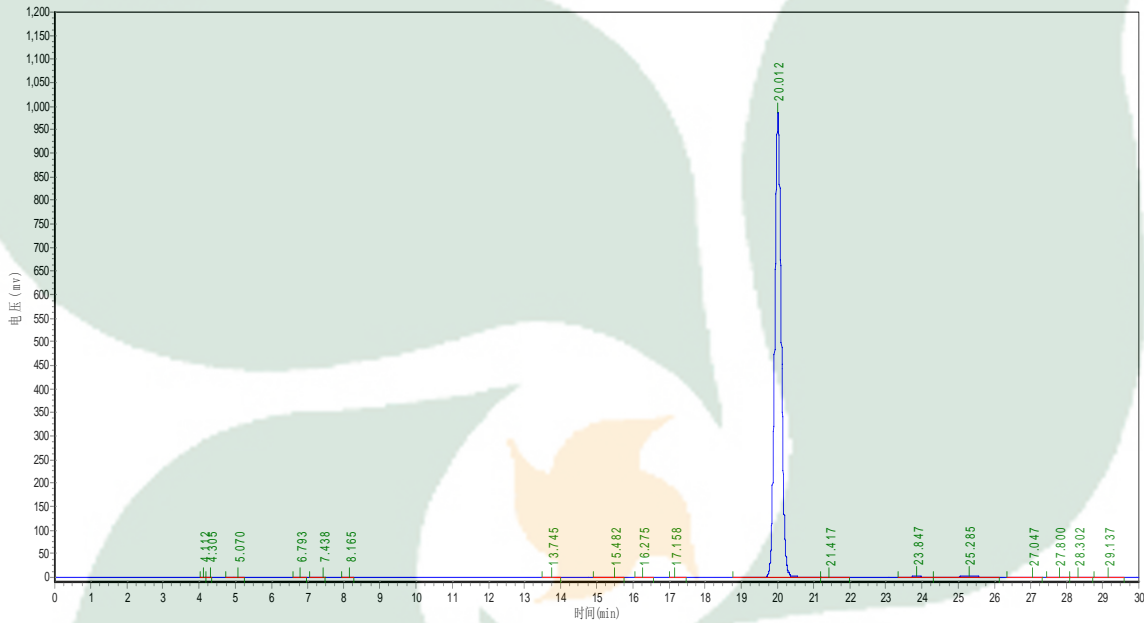
**Wavelength:** 230nm

**Detect Time:** 2017-11-20

**Inject Vol:** 20ul

**Analyst:** xiayuexia

**Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.112	75.000	365.700	0.0029
2	4.305	15.279	108.100	0.0009
3	5.070	363.013	2885.800	0.0230
4	6.793	87.823	925.200	0.0074
5	7.438	35.116	421.170	0.0034
6	8.165	40.934	641.393	0.0051
7	13.745	86.984	987.800	0.0079
8	15.482	155.147	1912.000	0.0152
9	16.275	88.907	1165.600	0.0093
10	17.158	30.648	370.600	0.0029
11	20.012	985396.500	12446352.000	99.0117
12	21.417	467.708	8114.688	0.0646
13	23.847	2789.058	37923.195	0.3017
14	25.285	1403.514	58315.102	0.4639
15	27.047	46.566	1376.943	0.0110
16	27.800	170.011	2825.950	0.0225
17	28.302	158.849	2726.618	0.0217

18

29.137

172.066

3169.590

0.0252

