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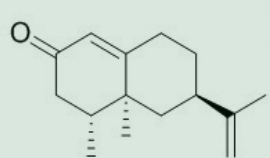
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

QQ:800015916

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<b>PRODUCT ID</b>	E-3184	<b>Structure</b>  
<b>PRODUCT</b>	Nootkatone/诺卡酮	
<b>STANDARD TYPE</b>	Quantitative Reference Standard/含量测定	
<b>LOT NUMBER</b>	18032022	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2018-03-20	
<b>DATE OF REPORT</b>	2018-03-20	

**OTHER NAME** 努特卡酮

**CHEMICAL FORMULA** C<sub>15</sub>H<sub>22</sub>O

**MOLECULAR WEIGHT(MW)** 218.33

**CAS NUMBER** 4674-50-4

**CHEMICAL FAMILY** Sesquiterpenoids

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK160—2007	NLT ≥98.0%	96.5%
NMR		Conforms	Conforms
MS		Conforms	Conforms
<b>Residual Solvent</b>	Q/TFFK160—2007	NA	ND
<b>Water</b>	Q/TFFK160—2007	≤2%	Conforms
<b>Appearance</b>		White Solid	Conforms

**STORAGE CONDITIONS**

**STORAGE** Refer to the label

**SHELF LIFE** 2 Years

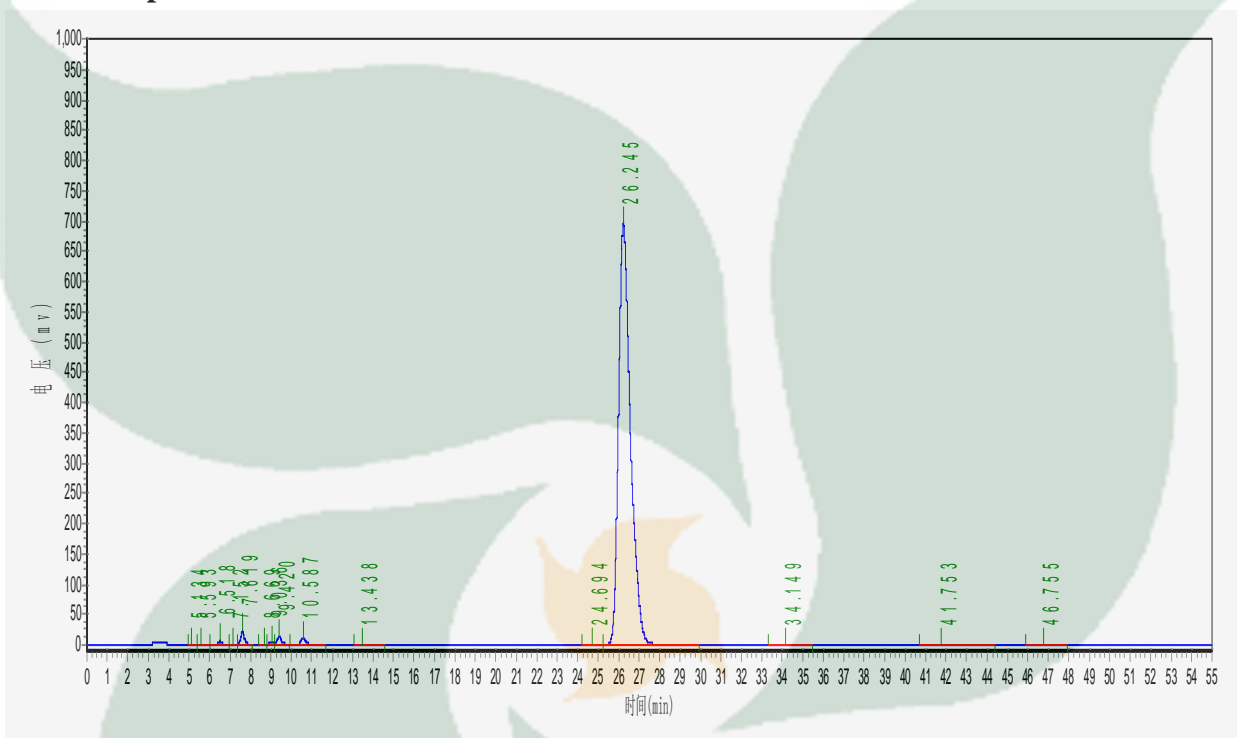
**Analyst**

**Checker**

**Manager**

# Product Analysis Report

**Product Name:** Nootkatone **Chrom-Column:** C18  
**Lot Number:** 18032022 **Mobile Phase:** ACN:0.1%H<sub>3</sub>PO<sub>4</sub>=55:45  
**Temperature:** 25°C **Wavelength:** 235nm  
**Detect Time:** 2018-03-20 **Inject Vol:** 20ul  
**Sample dissolution:** MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.134	1015.441	14052.493	0.0482
2	5.593	1090.559	19185.293	0.0658
3	6.518	5374.141	80576.500	0.2762
4	7.152	1533.533	19123.051	0.0655
5	7.619	22356.979	299281.156	1.0258
6	8.669	931.734	11693.140	0.0401
7	9.036	3647.013	48670.828	0.1668
8	9.420	13184.987	209566.703	0.7183
9	10.587	11907.604	209972.203	0.7197
10	13.438	1825.225	42729.445	0.1465
11	24.694	214.883	6322.896	0.0217
12	26.245	696690.500	28171082.000	96.5598
13	34.149	107.703	5343.700	0.0183
14	41.753	347.495	30925.100	0.1060
15	46.755	109.774	6238.300	0.0214