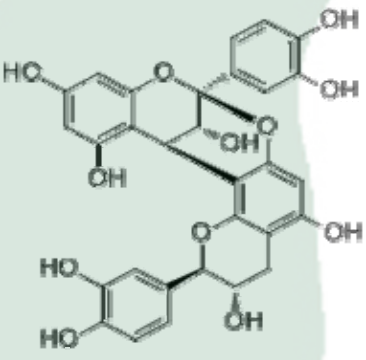


<b>PRODUCT ID</b>	E-2869	<p style="text-align: center;"><b>Structure</b></p> 
<b>PRODUCT</b>	Procyanidin A1/原花青素A1	
<b>STANDARD TYPE</b>	Qualitative Reference Material/含量测定	
<b>LOT NUMBER</b>	18052521	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2018-05-25	
<b>DATE OF REPORT</b>	2018-05-25	

<b>OTHER NAME</b>	Proanthocyanidin A1;原花色素A1
<b>CHEMICAL FORMULA</b>	C <sub>30</sub> H <sub>24</sub> O <sub>12</sub>
<b>MOLECULAR WEIGHT(MW)</b>	576.51
<b>CAS NUMBER</b>	103883-03-0
<b>CHEMICAL FAMILY</b>	Flavonoids

#### ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
<b>HPLC</b>	Q/TFFK675—2010	NLT ≥98.0%	98.3%
<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 powder	Conforms

#### STORAGE CONDITIONS

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

**Analyst**

**Checker**

**Manager**

# Product Analysis Report

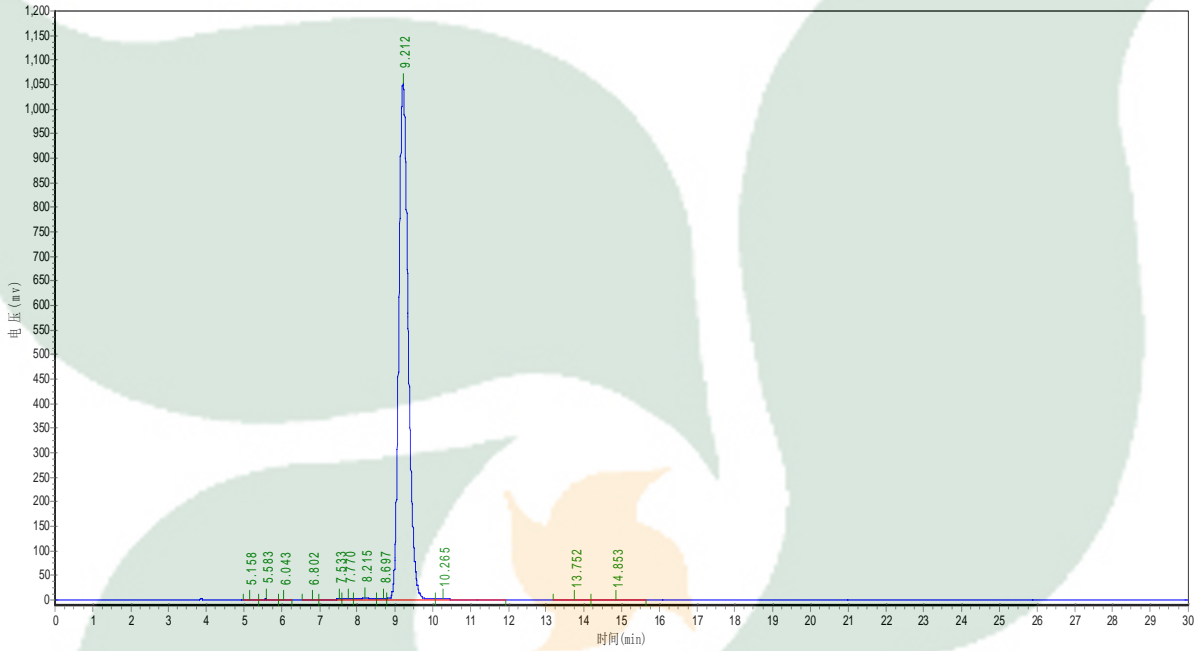
**Product Name:** Procyanidin A1 **Chrom-Column** C18

**Lot Number:** 18052521 **Mobile Phase:** ACN:0.1%H3PO4(20%-40%)

**Detector:** UV **Wavelength:** 280nm

**Detect Time:** 2018-05-25 **Inject Vol:** 20ul

**Sample dissolution:** 60%MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.158	147.665	1446.801	0.0078
2	5.583	1137.644	13432.231	0.0728
3	6.043	276.330	3134.094	0.0170
4	6.802	266.624	2824.750	0.0153
5	7.533	1143.350	16925.760	0.0917
6	7.770	1682.058	26962.625	0.1461
7	8.215	4207.789	104269.203	0.5649
8	8.697	3461.836	49786.500	0.2697
9	9.212	1051299.000	18157096.000	98.3684
10	10.265	2254.458	58643.973	0.3177
11	13.752	54.138	1391.700	0.0075
12	14.853	704.000	22340.699	0.1210