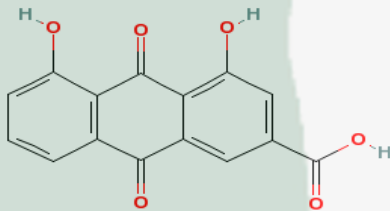


<b>PRODUCT ID</b>	E-0207	<b>Structure</b> 
<b>PRODUCT</b>	Rhein / 大黄酸	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	16091532	
<b>ASSAY METHOD</b>	HPLC, MS, NMR	
<b>DATE OF SAMPLE</b>	2016-09-15	
<b>DATE OF REPORT</b>	2016-09-15	

**CHEMICAL NAME** 4,5-dihydroxy-9,10-dioxoanthracene-2-carboxylic acid

**OTHER NAME** Monorhein, Rheic acid

**CHEMICAL FORMULA** C<sub>15</sub>H<sub>8</sub>O<sub>6</sub>

**MOLECULAR WEIGHT(MW)** 284.22042

**CAS NUMBER** 478-43-3

**CHEMICAL FAMILY** Anthraquinones 蒽醌类

**FROM** Rheum palmatum L.

#### ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK209—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK209—2007	NA	ND
Water	Q/TFFK209—2007	≤2%	Conforms
Appearance		Yellow Powder	Conforms

#### STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

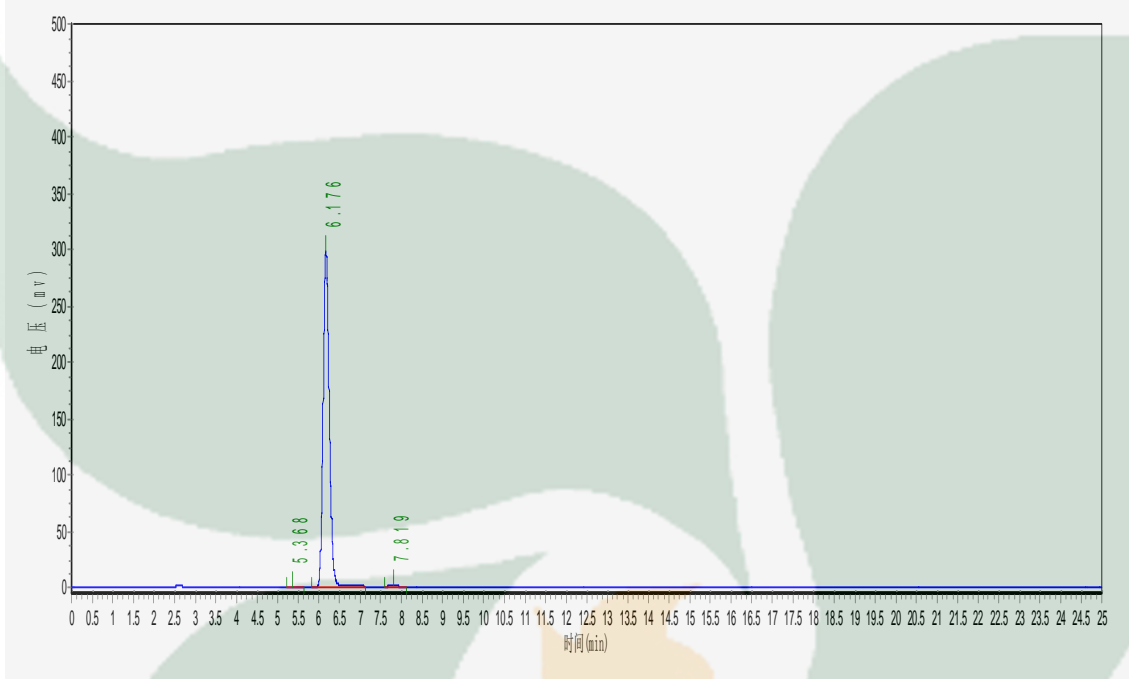
Analyst

Checker

Manager

# Product Analysis Report

Product Name: Rhein Chrom-Column: C18  
Lot Number: 16091532 Mobile Phase: MeOH: 0.1%H3PO4 (85: 15)  
Detector: UV Wavelength: 254nm  
Detect Time: 2016-09-15 Inject Vol: 20ul  
Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.368	390.747	4684.263	0.1494
2	6.176	297858.813	3121811.000	99.5992
3	7.819	605.175	7879.000	0.2514