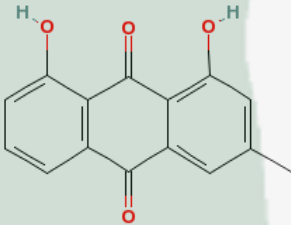


PRODUCT ID	E-0087	<p>Structure</p> 
PRODUCT	Chrysophanol / 大黄酚	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17092623	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-09-26	
DATE OF REPORT	2017-09-26	

OTHER NAME	Chrysophanic acid
CHEMICAL FORMULA	C ₁₅ H ₁₀ O ₄
MOLECULAR WEIGHT(MW)	254.2375
CAS NUMBER	481-74-3
CHEMICAL FAMILY	AnthraQuinones 蒽醌类
FROM	Rheum officinale Baill

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK724-2010	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK724-2010	NA	ND
Water	Q/TFFK724-2010	≤2%	Conforms
Appearance		yellow powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

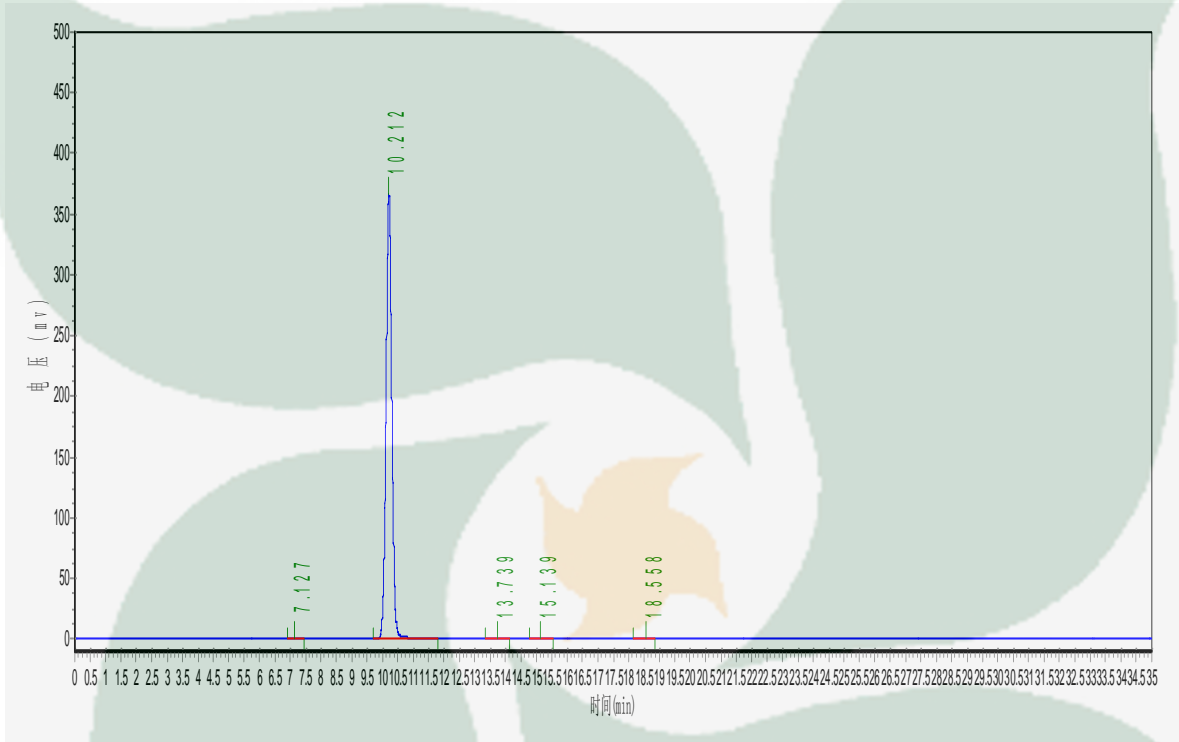
Analyst

Checker

Manager

Product Analysis Report

Product Name: Chrysophanol **Chrom-Column:** C18
Lot Number: 17092623 **Mobile Phase:** MeOH:0.1%H3PO4=90:10
Detector: UV **Wavelength:** 254nm
Detect Time: 2017-09-26 **Inject Vol:** 20ul
Analyst: shuhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	7.127	743.761	7499.350	0.1541
2	10.212	366731.219	4845245.000	99.5331
3	13.739	456.646	7890.700	0.1621
4	15.139	210.511	4253.600	0.0874
5	18.558	158.643	3084.400	0.0634