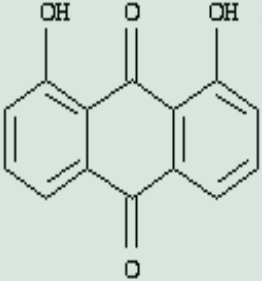


PRODUCT ID	E-0470	Structure 
PRODUCT	1,8-Dihydroxyanthraquinone/1,8-二羟基蒽醌	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	15081822	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-08-18	
DATE OF REPORT	2015-08-18	

CHEMICAL NAME	(3R,3aR)-3-furan-3-yl-3a,7-dimethyl-3,4,5,6-tetrahydro-2-benzofuran-1-one
OTHER NAME	
CHEMICAL FORMULA	C ₁₄ H ₈ O ₄
MOLECULAR WEIGHT(MW)	240.21
CAS NUMBER	117-10-2
CHEMICAL FAMILY	Anthraquinones
FROM	Polygonum multiflorum Thunb.何首乌

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK570—2008	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK570—2008	NA	ND
Water	Q/TFFK570—2008	≤2%	Conforms
Appearance		Orange crystal	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label
SHELF LIFE 2 Years

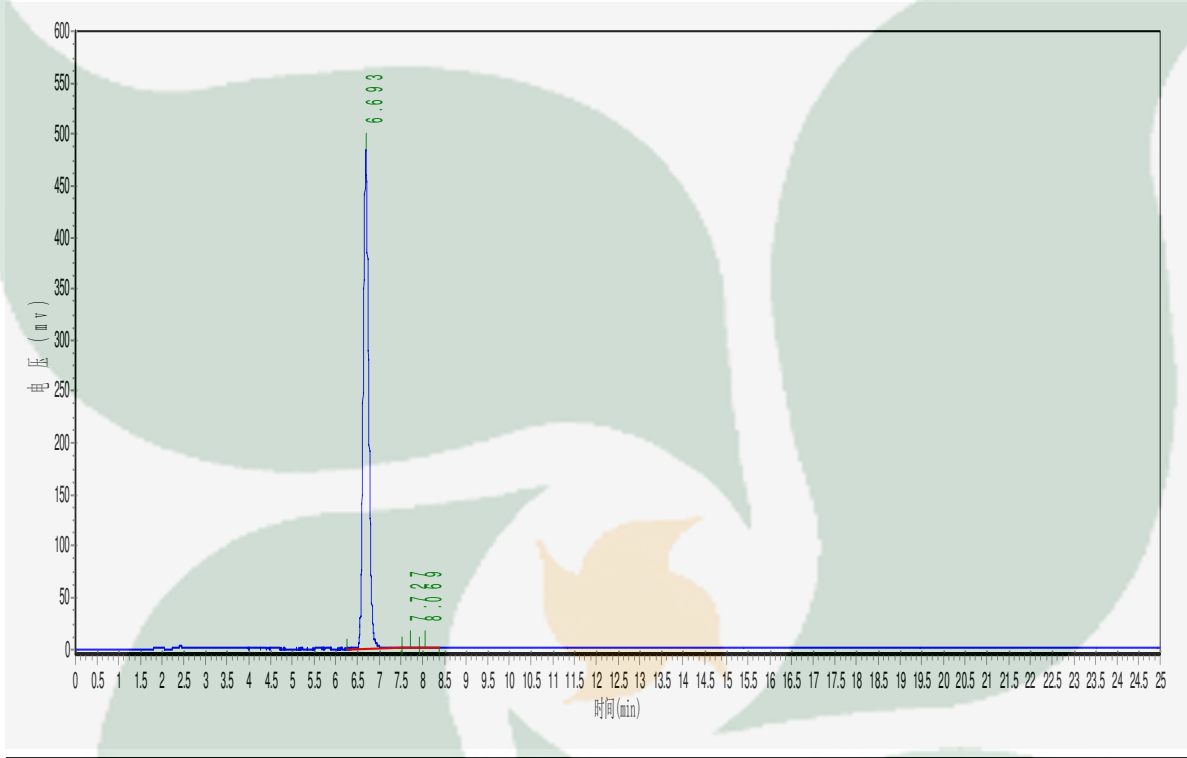
Analyst

Checker

Manager

Product Analysis Report

Product Name: 1,8-Dihydroxyanthraquin **Chrom-Column:** C18
Lot Number: 15081822 **Mobile Phase:** ACN: 0.1%H3PO4=80: 20
Detector: UV **Wavelength:** 254nm
Detect Time: 2015-08-18 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.693	482916.438	4185137.250	99.7431
2	7.727	577.850	7300.809	0.1740
3	8.069	268.480	3477.894	0.0829