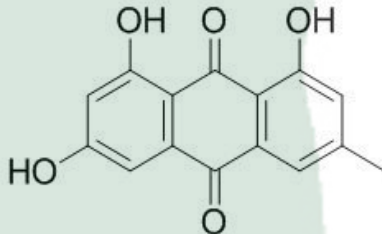


PRODUCT ID	E-0056	Structure 
PRODUCT	Emodin/大黄素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18062521	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-06-25	
DATE OF REPORT	2018-06-25	

OTHER NAME Emodol, Frangulic acid

CHEMICAL FORMULA C₁₅H₁₀O₅

MOLECULAR WEIGHT(MW) 270.2369

CAS NUMBER 518-82-1

CHEMICAL FAMILY Anthraquinones

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK265—2007	NLT ≥98.0%	99.6%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK265—2007	NA	ND
Water	Q/TFFK265—2007	≤2%	Conforms
Appearance		yellow powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

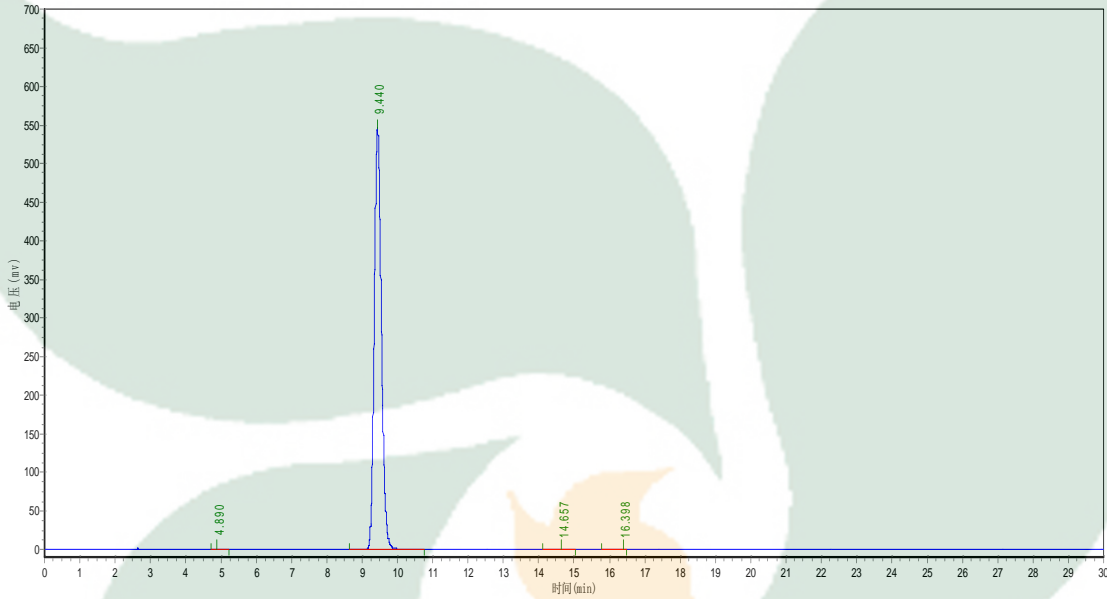
Analyst

Checker

Manager

Product Analysis Report

Product Name: Emodin **Chrom-Column** C18
Lot Number: 18062521 **Mobile Phase:** MeOH:H2O=85:15
Detector: UV **Wavelength:** 254nm
Detect Time: 2018-06-25 **Inject Vol:** 20ul
Sample dissolution: MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.890	966.443	8928.350	0.1150
2	9.440	545609.313	7735014.000	99.6558
3	14.657	895.628	17362.100	0.2237
4	16.398	24.571	422.200	0.0054