

Materials List for

HPLC Coupled with Chemical Fingerprinting for Multi-Pattern Recognition for Identifying the Authenticity of *Clematidis Armandii Caulis*

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jove.com/video/64690

Materials

Name	Company	Catalog Number	Comments
Acetic acid	Zhiyuan Chemical Reagent Co., Ltd., Tianjin, China	2017381038	
Acetonitrile	Sigma-Aldrich Trading Co., Ltd., Shanghai, China	WXBD5243V	
β-Sitosterol	Meisai Biological Technology Co., Ltd., Chongqing, China	20210201	
C18 column	Yuexu Material Technology Co., Ltd., Shanghai, China	Welch Ultimate LP	
Chuanmutong	Guoqiang Chinese Herbal Pieces Co., Ltd., Sichuan, China	19020103	CMT-1
Chuanmutong	Hongya Wawushan Pharmaceutical Co., Ltd., Sichuan, China	200701	CMT-2
Chuanmutong	Hongpu Pharmaceutical Co., Ltd., Sichuan, China	200701	CMT-3
Chuanmutong	Hongpu Pharmaceutical Co., Ltd., Sichuan, China	200901	CMT-4
Chuanmutong	Xinrentai Pharmaceutical Co., Ltd., Sichuan, China	210701	CMT-5
Chuanmutong	Haobo Pharmaceutical Co., Ltd., Sichuan, China	210401	CMT-6
Chuanmutong	Xinrentai Pharmaceutical Co., Ltd., Sichuan, China	200901	CMT-7
Chuanmutong	Wusheng Pharmaceutical Group Co., Ltd., Sichuan, China	201201	CMT-8
Chuanmutong	Limin Chinese Herbal Pieces Co., Ltd., Sichuan, China	201001	CMT-9
Chuanmutong	Yuhetang Pharmaceutical Co., Ltd., Sichuan, China	210501	CMT-10

Clematis argentea (Levl. et Vant.) W. T. Wang	Madzi Bridge, Sanlang Township, Tianquan County, Sichuan, China	-	CC
Clematis apiifolia var. obtusidentata Rehd. et Wils.	Heilin Village, Qiliping Township, Hongya County, Sichuan, China	-	DC
Clematis peterae Hand.-Mazz.	Huangmu Village, Huangmu Township, Hanyuan County, Sichuan, China	-	DE
Clematis gouriana Roxb. Var. finetii Rehd. et Wils	Mixedang Mountain, Huangwan Township, Emei County, Sichuan, China	-	XS
Clematis finetiana Levl. et Vaniot.	Wannian Village, Huangwan Township, Emei County, Sichuan, China	-	SMT
Electronic balance	Haozhuang Hengping Scientific Instrument Co., Ltd., Shanghai, China	FA1204	
Ergosterol	Meisai Biological Technology Co., Ltd, Chongqing, China	20210201	
Ethanol	Kelon Chemical Co., Ltd., Chengdu, China	2021112602	
Ethyl acetate	Zhiyuan Chemical Reagent Co., Ltd., Tianjin, China	2017042043	
Formic acid	Kelon Chemical Co., Ltd., Chengdu, China	2016062901	
High performance liquid chromatography	Agilent, USA.	1260	
IBM SPSS Statistics version 26.0	International Business Machines Corporation, USA	-	
Methanol	Sigma-Aldrich Trading Co., Ltd., Shanghai, China	WXBD6409V	
Methanol	Kelon Chemical Co., Ltd., Chengdu, China	202010302	
n-butyl alcohol	Zhiyuan Chemical Reagent Co., Ltd., Tianjin, China	2020071047	
Petroleum ether	Zhiyuan Chemical Reagent Co., Ltd., Tianjin, China	2020090125	
Phosphoric acid	Comeo Chemical Reagent Co., Ltd., Tianjin, China	20200110	
SESCF-TCM version 2012	National Pharmacopoeia Commission, China	-	http://114.247.108.158:8888/login
Stigmasterol	Meisai Biological Technology Co., Ltd., Chongqing, China	20210201	
Trichloromethane	Sinopharm Group Chemical Reagent Co., Ltd., Shanghai, China	20200214	
Umetrics SIMCA version 14.1.0.2047	Umetrics, Sweden	-	https://www.sartorius.com/en/products/process-analytical-technology/data-analytics-software/mvda-software/simca/simca-free-trial-download
Ultrapure water machine	Youpu Ultrapure Technology Co., Ltd., Sichuan, China	UPH-II-10T	
Ultrasonic cleaner	Kunshan Hechuang Ultrasound Instrument Co., Ltd., Jiangsu, China	KH3200E	