

Materials List for

¹³C₆-Glucose Labeling Associated with LC-MS: Identification of Plant Primary Organs in Secondary Metabolite Synthesis

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Materials

Name	Company	Catalog Number	Comments
0.1 % Formic acid water	Chengdu Kelong Chemical Reagent Factory	44890	
¹³ C ₆ -Glucose powder	MERCK	110187-42-3	
Acetonitrile	Chengdu Kelong Chemical Reagent Factory	44890	
AUTOSAMPLER VIALS	Biosharp Biotechnology Company	44866	
BEH C18 column	Waters,Milfor,MA	1.7μm,2.1*100 mm	
CNC ultrasonic cleaner	Kunshan Ultrasound Instrument Co., Ltd	KQ-600DE	
Compound DiscovererTM software	Thermo Scientific, Fremont,CA	3	
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Electric constant temperature blast drying oven		DHG-9146A	
Electronic analytical balance	Sedolis Scientific Instruments Beijing Co., Ltd	SOP	
Ethanol	Chengdu Kelong Chemical Reagent Factory	44955	
Fully automatic sample rapid grinder	Shanghai Jingxin Technology	Tissuelyser-48	
Gas Chromatography-Stable Isotope Ratio Mass Spectrometer	Thermo Fisher	Delta V Advantage	
Hoagland solution	Sigma-Aldrich	H2295-1L	
Hydroponic tank	JRD	1020421	
Isodat software	Thermo Fisher Scientific	3	
Liquid chromatography high-resolution mass spectrometry	Agilent Technology	Agilent 1260 -6120	
Nitrogen manufacturing instrument	PEAK SCIENTIFIC	Genius SQ 24	

Organic phase filter	Tianjin Jinteng Experimental Equipment Co., Ltd	44890	
Oxygen pump	Magic Dragon	MFL	
Quantum sensor	Highpoint	UPRtek	
Scalpel	Handskit	11-23	
Sprinkling can	CHUSHI	WJ-001	
Xcalibur software	Thermo Fisher Scientific	4.2	