

Materials List for:

Procedure to Evaluate the Efficiency of Flocculants for the Removal of Dispersed Particles from Plant Extracts

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Materials

Name	Company	Catalog Number	Comments
2100P Portable Turbidimeter	Hach	4650000	Turbidimeter
2G12 antibody	Polymun	AB002	Reference antibody
Biacore T200	GE Healthcare	28-9750-01	SPR device
BP-410	Furh	2632410001	Bag filter
Catiofast VSH	BASF	79002360	Flocculating agent
Centrifuge 5415D	Eppendorf	5424 000.410	Centrifuge
Centrifuge tube 15 ml	Labomedic	2017106	Reaction tube
Centrifuge tube 50 ml self-standing	Labomedic	1110504	Reaction tube
Chitosan	Carl Roth GmbH	5375.1	Flocculating agent
Design-Expert(R) 8	Stat-Ease, Inc.	n.a.	DoE software
Disodium phosphate	Carl Roth GmbH	4984.3	Media component
Ferty 2 Mega	Kammlott	5.220072	Fertilizer
Forma -86C ULT freezer	ThermoFisher	88400	Freezer
Greenhouse	n.a.	n.a.	For plant cultivation
Grodan Rockwool Cubes 10 x 10 cm	Grodan	102446	Rockwool block
HEPES	Carl Roth GmbH	9105.3	Media component
K700P 60D	Pall	5302305	Depth filter layer
KS50P 60D	Pall	B12486	Depth filter layer
Miracloth	Labomedic	475855-1R	Filter cloth
MultiLine Multi 3410 IDS	WTW	WTW_2020	pH meter / conductivity meter
Osram cool white 36 W	Osram	4930440	Light source
Phytotron	Ilka Zell	n.a.	For plant cultivation
Polymin P	BASF	79002360	Flocculating agent
POLYTRON PT 6100 D	Kinematica	11010110	Homogenization device with custom blade tool
Protein A	Life technologies	10-1006	Antibody binding protein
Sodium chloride	Carl Roth GmbH	P029.2	Media component
Synergy HT	BioTek	SIAFRT	Fluorescence plate reader
TRIS	Carl Roth GmbH	4855.3	Media component
Tween-20	Carl Roth GmbH	9127.3	Media component
VelaPad 60	Pall	VP60G03KNH4	Filter housing
Zetasizer Nano ZS	Malvern	ZEN3600	DLS particle size distribution measurement