

Materials List for:

The Effect of the Application of Thyme Essential Oil on Microbial Load During Meat Drying

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Materials

Name	Company	Catalog Number	Comments
Meat cutter	Kalorik	KP 3530	from Miami Gardens, FL, USA
Laminar safety cabinet	Faster s.r.l		from Italy
Squeeze bottle of 500 mL	Merci	632 524 325 025	from CZ
Standard laboratory drier UFE 400	Memmert	DE 66812464	from Germany
Incubator	BT 120	N/A	from CZ
Refrigerator and Freezer	Bosch	KGN34VW20G	from DE
Densitometer	Biosan	220 000 050 122	Latvia; supplier Merci, CZ
<i>Escherichia coli</i> ATCC 25922	Oxoid	CL7050	from CZ
Vortex	Chromservis	22008013	from CZ
Sterilized plastic tubes 15 mL	Gama	331 000 020 115	from CZ, supplier Merci
20 mL injection vial	Healthy vial	hvt169	from China
20 mm sterile butyl rubber stopper	Merci	22008013	from CZ
20 mm aluminum cap	Healthy vial	N/A	from China
Thyme essential oil	Sigma Aldrich	W306509	from St Louis, MO, USA
Mueller Hinton Broth	Oxoid	CM0337	from CZ
NaCl	Penta	16610-31000	from CZ
Peptone	Oxoid	LP0034	from CZ
Phosphate-buffered saline	Sigma Aldrich	P4417	from CZ
Polysorbate 80 (Tween 80)	Roth	T 13502	from DE, supplier P-lab
Shaker SHO-1D	Verkon	DH.WSR04020	from CZ, 10 - 300 rpm. 350 x 350 mm with a platform for flasks
Ethanol 70%	Bioferm	N/A	from CZ
MacConkey Agar	Oxoid	CM007	from CZ
Plate Count Agar	Oxoid	CM0325	from CZ
Filter paper	Merci	480 622 080 040	from CZ
Erlenmeyer flasks 250 mL	Simax	610 002 122 636	from CZ; supplier Merci CZ
Multichannel pipette	Socorex	S852820	from Switzerland; supplier P lab, CZ
Microtiter plate	Gamma	V400916	CZ
Microtitre pipette 100-1000 µL	Eppendorf	333 120 000 062	from Germany; supplier Merci, CZ