

No.	Chemicals	Company	CODE	Quantity	Unit Price euro	Total Price euro
1.	potato starch Low amylose high amylopectin	Sigma Aldrich	S 2004	500 g		
2.	High amylose corn starch with 70% amylose	Sigma Aldrich	 S4126	2 KG		
3.	Vitamin D3 purity have to be more than 80% - 99%	DSM (Neuf. France). Sigma Aldrich	731285 Or 74028	10 ml		
4.	Pure ethanol 99%	Analytical grade		5 L		
5.	n-Hexan 99%	Merck (Darmstadt, Germany).	32293	1L		
6.	Whatman No. 1 filter paper	SIGMA – NANO	WHA10010 90	5 BOX		
7.	KBr – FTIR (LIQUIED PHASE)	Merck				
8.	Gastric buffer (pH 1.2)	Merck		1 L		
9.	KCL	Merck		500 gr		
10.	dialysis bag) with a 12-kDa	Sigma	D6191 25 EA	30 units		
11.	pancreatic amylases in an intestinal buffer (35 mL, pH 7.4) it's have to contain alpha-amylase	SEGMA	A3176	500000 unit		

12.	Gastric media with pH of 1.2 consisted of KCl	SEGMA				
13.	KH ₂ PO ₄	Analytical grade		1 Kg		
14.	NaOH	SIGMA		1kg		
15.	HNO ₃ Concentration more than 70%	Sigma Aldrich		2 L		
16.	Phosphate buffer solution	Sigma Aldrich		1 L		
17.	Potassium sulfate K ₂ SO ₄			1 kg		
18.	CaCO ₃ PURE	Sigma Aldrich		500 gram		
19.	Citric acid pure			2 kg		
20.	Malic acid pure	Sigma Aldrich		100 gram		
21.	Pyrex Glass Desiccators	Analytical use		3		
22.	ziplock bags 2x2 2x3 4x6	Analytical use		20 box 20 box 20 box		
23.	Pectinase Enzyme	Analytical grade		500 gr		
24.	Pasture pipet	Analytical use		10 box		

25.	Pipet Filler, Pipette Controller digital	Analytical use		5		
26.	Portable Car Fridge Freezer 30L	Cooling bag		1		
27.	Glacial Acetic Acid	Analytical grade		10 L		
28.	Compound Binocular Microscope	Magnification: 40X-1000X Eyepiece: PL10x/20mm		5		
29.	FE MH-4 Hotplate Stirrer			5		
30.	Biohazard Bag			1 box		
31.	washing bottle with spigot	Autoclavable Carboy with Spigot-PP PP carboy with White PP closure Spigot closure included Size: 10L		4		
32.	gram stain kit	Kit/ 500ml		2		
33.	Micropipettes (0.1-1ml)	High accuracy and precision guaranteed Two step plunger operation allows you to use reverse pipetting technique during Adjustable Volume, 100 - 1000uL one year warranty		2		
34.	DispensMate Bottle Top Dispenser 5-50mL	Chemical resistance. Fully autoclavable covering a volume range from 0.5mL to 50mL		2		
35.	Chloralhydrate C ₂ H ₃ Cl ₃ O ₂	Analytical grade		1 Kg		

36.	Potato Dextrose Agar	Analytical grade		1 Kg		
37.	Acetone	Analytical grade		10 L		
38.	Electype Thermometer Dual Probe Ultra Fast Best Waterproof Digital Food Meat Thermometer with Alarm Function)	Temperature Range:(- 50°C~300°C)		4		
39.	Infrared Thermometer (-50 – 550)C	Non-Contact Digital Laser IR Temperature Gun for Kitchen Meat Food Cooking BBQ		2		
40.	Cheese cloth 	Grade 90, 54 Sq Feet, 100% Unbleached Cotton Fabric, Ultra Fine Reusable Cheesecloth for Cooking, Straining (Grade 90-6Yards)		10 packet		
41.	Tofu press 	Tofu cheese presser Easily Removes Water from Tofu L 8.6 x W 5.1 x H 5.9 Inches		1		

42.	Cheese press and mold Plastic mold, Stainless steel 	Manual stainless steel cheese press applying 100- 150 pounds of pressure including several types of molds use for many type of cheese		2 press 20 mold		
43.	Mesophilic Direct Set Cheese Culture	Moderate-temperature cheese culture for making a variety of hard cheeses Makes Cheddar, Monterey Jack, Stilton, Edam, Gouda, Muenster, Blue, and Colby cheese		4 strain		
44.	Flat Food Storage Bags (4x6 inches) 	Resealable Smell Proof Bags Foil Mylar Ziplock Bags Aluminum Foil Bags Flat Metallic Mylar Foil		100 pieces		

45.	Food colourant	Carotenoids (E160, E161, E164), anthocyanins (E163) Annatto (E160b) Caramel coloring (E150) Carmine (E120)		10g each type		
46.	Food stabilizers	Pectin Carrageenan Xanthan gum Arabic gum Guar Gum		200g / each		
47.	Food preservatives	Sodium benzoate(E211) Potassium sorbate(E202) Natamycin(E235) Sodium propionate(E281)		50g/ each		
48.	Sulfuric acid H_2SO_4	Analytical grade		5 L		
49.	Nitric acid HNO_3	Analytical grade		2 L		
50.	Hydrochloric acid 37% HCl	Analytical grade		5 L		
51.	Perchloric Acid 70% HClO_4	Analytical grade		2 L		

52.	Phosphoric acid H ₃ PO ₄	Analytical grade		4 L		
53.	Ferrous Sulfate Heptahydrate FeSO ₄ .7H ₂ O	Analytical grade		2 kg		
54.	Ethylene Diaminetetraacetic acid, Disodium Salt (EDTA), C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ .2H ₂ O	Analytical grade		1 kg		
55.	Ascorbic Acid C ₆ H ₈ O ₆	Analytical grade		100g		
56.	Buffer Solution pH 7	****		0.5 L		
57.	Test Tube kjldahal Digestion (300 ml) foodalyt SBS2000	***		20		
58.	Erlenmeyer Flask (100 ml)	****		50		
59.	Cylinder 50 ml (glass)	****		25		
60.	Cylinder 25 ml (glass)	****		25		
61.	Filter Paper (15 cm)	Analytical use	Box 100	20		
62.	Filter Paper (11 cm)	Analytical use	Box 100	10		
63.	Filter Paper -Whatman ashless (11cm)	Analytical use	Box 100	5		
64.	Diethyl ether	Analytical grade		15 L		
65.	Clevenger apparatus	500-1000ml lab use Clevenger apparatus for essential oil extraction (all Parts for operation unit)		2 units		

اسم الشركة المتقدمة :

الختم والتوقيع: