

SPECIFICAȚII TEHNICE (F4.1)

Numărul licitației: ocds-b3wdp1-MD-1612355913757	Data: 15.02.2021	
Denumirea licitației: Achiziționarea reactivilor și consumabilelor de laborator pentru necesitățile proiectului		Pagina 1 din 3

Nr. d/o	Denumirea bunurilor și specificația tehnică deplină solicitată	Modelul articolu- lui	Țara de origine	Producătorul	Specificarea tehnică deplină	Specificarea tehnică deplină propusă de către ofertant	Standar-de referință
	Lot 1 Reactivi pentru laboratorul de analiză a produselor vegetale						
1.1	Acetonitril, 2,5 L	34851-2.5L	Germania	SigmaAldrich	Grad de puritate HPLC	Acetonitrile for HPLC, gradient grade, ≥99.9%	
1.2	Glycerol 5 L		Germania	SigmaAldrich	ReagentPlus, ≥99%	Glycerol for synthesis, ≥99.0% (GC)	
1.3	Ethyl acetate 2.5 L	33211-2.5L-R	Germania	SigmaAldrich	ACS reagent, ≥99.5 %	Ethyl acetate puriss. p.a., ACS reagent, reag. ISO, reag. Ph. Eur., ≥99.5% (GC)	
1.4	Talc, 1 kg	23913754	Germania	SigmaAldrich	purum	Talc powder (23913754 14807-96-6), USP/EP	
1.5	Hexane puriss. 2,5 L	32293-2.5L	Germania	SigmaAldrich	p.a., ACS reagent, reag. Ph. Eur., ≥99% (GC),	Hexane puriss. p.a., ACS reagent, reag. Ph. Eur., ≥99% (GC)	
1.6	Hexane, 2,5 L	34859-2.5L	Germania	SigmaAldrich	Grad HPLC, ≥97.0% (GC)	Hexane for HPLC, ≥97.0% (GC)	
1.7	2-Propanol, 2,5 L	34863-2.5L	Germania	SigmaAldrich	Grad HPLC, 99.9%,	2-Propanol for HPLC, 99.9%	
1.8	Methanol 2,5 L	34885-2.5L-R	Germania	SigmaAldrich	Grad HPLC, ≥99.9%,	Methanol for HPLC, gradient grade, ≥99.9%	
1.9	Tetrahidrofuran inhibitor-free, 1L	34865-1L	Germania	SigmaAldrich	Grad HPLC, ≥99.9%,	Tetrahydrofuran inhibitor-free, for HPLC, ≥99.9%	
1.10	Butanol, 2,5 L	34867-2.5L	Germania	SigmaAldrich	Grad HPLC, ≥99.7%,	1-Butanol for HPLC, ≥99.7%	
1.11	Acetone, 1L	650501-1L	Germania	SigmaAldrich	Grad HPLC Plus, ≥99.0%	Acetone HPLC Plus, for HPLC, GC, and residue analysis, ≥99.9%	
1.12	Orto-Phosforic acid, 250 ml	49685-500ML	Germania	SigmaAldrich	Grad HPLC, 85%,	Phosphoric acid for HPLC, LiChropur™, 85%	
1.13	Anthrone, 25 g	319899-25G	Germania	SigmaAldrich	ACS reagent, ≥97%	Anthrone ACS reagent, 97%	
	Lot 2 Reactivi pentru cromatografie						

2.1	Ethanol, 2,5 L	2222-2.5L	Germania	SigmaAldrich	Grad de puritate HPLC	Ethanol absolute for HPLC (min. 99.9 %)	
	Lot 4 Reactivi pentru laboratorul de biotehnologii						
4.1	Diethylenetriaminepentaacetic acid, 10g	32319-100G-F	Germania	SigmaAldrich	Pentru complexometrie, $\geq 99,0\%$	Diethylenetriaminepentaacetic acid for complexometry, $\geq 99.0\%$	
4.2	ATX Tris buffer, 1L	21685-6X1L-F	Germania	SigmaAldrich		ATX Tris buffer ready-to-use solution	
4.3	Poly(vinylpolypyrrolidone) (PVPP), 100g	77627-100G	Germania	SigmaAldrich	Dimensiunea particulelor - 110 μm	Poly(vinylpolypyrrolidone) $\sim 110 \mu\text{m}$ particle size	
4.4	Acetone, 2,5 L	24201-2.5L-GLR	Germania	SigmaAldrich	ACS reagent	Acetone puriss., meets analytical specification of Ph. Eur., BP, NF, $\geq 99\%$ (GC)	
4.5	Acetone, 2,5L	1000222500	Germania	SigmaAldrich	Pentru spectrofotometria, Uvasol,	Acetone for spectroscopy Uvasol®	
4.6	Sodium sulfate, puriss., 1kg	13464-1KG	Germania	SigmaAldrich	ACS reagent, reag. ISO, reag. Ph. Eur., anhydrous, $\geq 99,0\%$	Sodium sulfate, puriss., meets analytical specification of BP, Ph. Eur., USP, anhydrous, 99.0-100.5% (calc. to the dried substance)	
4.7	Nitric acid, 2,5L	30709-1L	Germania	SigmaAldrich	ACS reagent, 70%	Nitric acid puriss. p.a., reag. ISO, reag. Ph. Eur., for determinations with dithizone, 70%	
4.8	Sulfuric acid, puriss., 2,5L	30743-2.5L	Germania	SigmaAldrich	Pentru determinarea Hg, ACS reagent, reag. ISO, reag. Ph. Eur., 95,0-97,0%	Sulfuric acid puriss. p.a., for determination of Hg, ACS reagent, reag. ISO, reag. Ph. Eur., 95.0-97.0%	
4.9	Phosphoric acid, puriss. 1L	30417-1L	Germania	SigmaAldrich	ACS reagent, reag. ISO, reag. Ph. Eur., $\geq 85\%$	Phosphoric acid puriss. p.a., ACS reagent, reag. ISO, reag. Ph. Eur., $\geq 85\%$	
4.10	Hydrochloric acid, 2,5 L	30721-2.5L	Germania	SigmaAldrich	Reactiv ACS, 37%	Hydrochloric acid puriss. p.a., ACS reagent, reag. ISO, reag. Ph. Eur., fuming, $\geq 37\%$, APHA: ≤ 10	
4.11	Potassium sodium tartrate tetrahydrate, 1kg	S2377-1KG	Germania	SigmaAldrich	Reagent Plus, $\geq 99\%$	Potassium sodium tartrate tetrahydrate ReagentPlus®, $\geq 99\%$	
4.12	Potassium hydroxide, puriss, 1 kg	30603-1KG	Germania	SigmaAldrich	Reag. Ph. Eur., $\geq 90\%$, pelete	Potassium hydroxide pellets, reag. Ph. Eur., $\geq 85\%$	
4.13	Magnesium sulfate 500 g	M7506-1KG	Germania	SigmaAldrich	Anhidru, praf, Redi-Dri, $\geq 97\%$	Magnesium sulfate anhydrous, ReagentPlus®, $\geq 99.5\%$	
4.14	Sodium sulfate, 1 kg	13464-1KG	Germania	SigmaAldrich	Anhidru, praf, ACS reagent, $\geq 99\%$	Sodium sulfate, puriss., meets analytical specification of BP, Ph. Eur., USP, anhydrous, 99.0-100.5% (calc. to the dried substance)	
4.15	Ammonium phosphate dibasic, 100 g	215996-100G	Germania	SigmaAldrich	EMSURE ACS reagent, $\geq 99\%$	Ammonium phosphate dibasic ACS reagent, $\geq 98\%$	

4.16	Ammonium sulfate 500 g	A5132-500G	Germania	SigmaAldrich	ACS reagent, $\geq 99\%$	Ammonium sulfate ReagentPlus®, $\geq 99.0\%$
4.17	Iron (II) sulfate heptahydrate, 250g;	12354-250G	Germania	SigmaAldrich	ACS reagent, $\geq 99,0\%$	Iron(II) sulfate heptahydrate puriss., meets analytical specification of Ph. Eur.,
4.18	Iron (III) sulfate hydrate 100g	307718-100G	Germania	SigmaAldrich	ACS reagent, $\geq 97,0\%$	Iron(III) sulfate hydrate 97%
4.19	Folin-Ciocalteu`s phenol reagent, 500 mL	47641-500ML-F	Germania	SigmaAldrich		Folin & Ciocalteu's phenol reagent 2 M (with respect to acid)
4.20	ABTS, 2g	A1888-2G	Germania	SigmaAldrich	$\geq 98\%$ (HPLC)	ABTS (2,2'-Azino-bis(3-ethylbenzothiazoline-6-sulfonic acid) diammonium salt) $\geq 98\%$ (HPLC)
4.21	Tripsină enzimatică, 10 g	T4799-10G	Germania	SigmaAldrich	Din pancreasul porcine, pulbere liofilizată, BioReagent, potrivit pentru cultura celulară, 1.000-2.000 unități BAEE / mg solid	Trypsin from porcine pancreas lyophilized powder, BioReagent, suitable for cell culture, 1,000-2,000 BAEE units/mg solid
4.22	Pepsină enzimatică, 250 mg	P7012-250MG	Germania	SigmaAldrich	Din mucoasa gastrică porcine, pulbere liofilizată, $\geq 2,500$ unități/mg protein (E1%/280)	Pepsin from porcine gastric mucosa lyophilized powder, $\geq 2,500$ units/mg protein (E1%/280)
4.23	Iodură de potasiu, 500g	36409596-500G	Germania	SigmaAldrich	ACS reagent, $\geq 99.0\%$	Potassium iodide, BP/Eur.Pharm, 99.0 - 101.5%
4.24	Acid percloric, 1L	30755-1L	Germania	SigmaAldrich	ACS reagent, 70%	Perchloric acid puriss. p.a., ACS reagent, reagent ISO, reagent Ph. Eur., 70.0-72.0%
4.25	Ammonium molybdate, 100g	A7302-100G	Germania	SigmaAldrich	ACS reagent, 81.0-83.0% MoO3 basis,	Ammonium molybdate tetrahydrate ACS reagent, 81.0-83.0% MoO3 basis
4.26	Ammonium vanadate, 50g	10028-25G	Germania	SigmaAldrich	ACS reagent, $\geq 99.0\%$	Ammonium metavanadate puriss. p.a., ACS reagent, $\geq 99.0\%$ (RT)

Valabilitatea ofertei - 30 zile

Semnat: _____

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