

Lot 1 Reactivi chimici

Nr. Crt	Denumire	Caracteristici	UM	Cantitate totala	Necesar				
					CJ	BN	SJ	MM	SM
1	Acetona	≥99%	L	2	1				1
2	Acetonitril pentru LC-MS	calitate Chromasolv LC-MS Ultra, puritate min 99,9 %, pentru analiza LC-MS si UHPLC	L	4	4				
3	Acetat de amoniu pentru LC-MS	calitate Chromasolv LC-MS Ultra, puritate min 99 %, pentru analiza LC-MS si UHPLC	25G	1	1				
4	Acid acetic glacial	d=1.05 g/ml	L	4		2		2	
5	Acid ascorbic	L(+)-Ascorbic acid (vitamin C) GR For analysis, ACS,ISO; continut 99.7 - 100.5%, cristale albe, Fe ≤ 2 ppm, Cl ≤ 50 ppm, SO4 ≤ 20 ppm	250g	3	1	1		1	
6	Acid azotic 65% suprapur		L	1					1
7	Acid azotic 65%	Cr max. 0,020 ppm; Cu max. 0,010 ppm; Pb max. 0,010 ppm; Cd max. 0,010 ppm	2,5L	2				1	1
8	Acid barbituric		100g	1				1	
9	Acid boric	Continut: 99,5-100,5%; Cl <0,0003%; PO4 < 0,0005%;	500g	3		1		1	1
10	Acid clorhidric 34-37% max 0,1 ppb Hg	continut: 34-37%; Hg<0,1 ppb;	1000 ml	6	6				
11	Acid clorhidric 37%	Conc. min 35-38% ≥99%	2,5L	2	1			1	
12	Acid clorhidric 32%	GR for analysis, continut: 32-37%; clor liber<0,5ppm; sulfati <1ppm; NH4 <1ppm; Ca <0,2ppm; Na <0,2ppm; Ni <0,02ppm; Pb <0,01ppm; Hg<0,01ppm; reziduu la calcinare (in SO4) <5ppm	2.5L	2		1		1	
13	Acid clorhidric 0,1 N	c(HCl) = 0,1 mol/l	L	2	1			1	
14	Acid clorhidric 1N	Titrisol, pentru analiza, spec. density 1,02 g/ml; pH value <1,0(H2O, 20°C); volumetric solution in accordance with Ph Eur, USP; certified value traceable to NIST	L	1				1	
15	Acid formic pentru LC-MS	puritate min 97,5 %, calitate pentru analiza LC-MS	50ML	1	1				

16	Acid fosforic concentrat	ortho-Phosphoric acid 85% GR for analysis ISO, GR for analysis ISO, continut: >85%; Mn <0,5ppm; NO3 <3 ppm	L	2				2	
17	Acid glutamic	for biochemistry ,≥99%,crtstalline powder white	250G	2			1	1	
18	Acid nicotinic		100g	1		1			
19	Acid sulfuric conc.	GR for analysis ISO, continut: 95-97%; densitate 1.84 g/cm3 (20 °C), NO3 <0,2ppm; PO4 <0,5ppm; reziduu la calcinare <3ppm	2,5L	11	4	2	2	1	2
20	Alcool etilic	≥99%	L	10		2	1	5	2
21	Alcool izopropilic	≥99%	L	4	2			2	
22	Alitouree (ATU)		50G	3			1	1	1
23	Amidon		100G	1					1
24	4-Amino-benzensulfomanida		100G	2		1	1		
25	4-amino antipirina	GR for analysis, puritate ≥99%; temp. topire 107-109C, pierderi la uscare(90°) ≤ 0.5 %, sensitivity test (phenol) conforms	250g	1		1			
26	Amoniac, soluție 25%	Conc. min 25%	L	2	1			1	
27	Apa pentru LC-MS	calitate Chromasolv LC-MS Ultra, pentru analiza LC-MS si UHPLC	L	10	10				
28	Apa oxigenata 30%	30%	kg	3	1		1	1	
29	Azida de sodiu		50g	1				1	
30	Azotat de argint 0.1 N	solution for 1000ml, c(AgNO3)=0,1 mol/l(0,1 N), Titris	L	3	1		1	1	
31	Azotat de magneziu, modificador de matrice	modificador pentru AAS, c(Mg)=10±0,2g/l, Mg(NO3)2*	50ml	1				1	
32	Azotat de palladiu, modificador de matrice	modificador pentru AAS, c(Pd)=10±0,2g/l, Pd(NO3)2*6	50ml	1				1	
33	Azotat de potasiu	puritate 99.995%	50g	4	1	1		1	1
34	Azotat de sodiu	puritate 99.995%	50g	2				1	1
35	Azotit de sodiu	puritate 99.995%	100g	2	1		1		
36	Albastru de metilen		25g	1			1		
37	Acid stearic	for synthesis, pur > 97%	500g	1			1		
38	Bromat bromura solutie pt 1000 ml, c(Br2)=0,05mol/l (0,1 N)	fiolă concentrată (alcătuită din KBr, KBrO3 și apă) cu concentrație finală după diluare de c(Br2)=0,05mol/l (0,1N)+/-0,2%, pH > 5	fiola	5	5				
39	Camfor	ρ: 0,992 g/cm3 (250C), pur > 95%	250g	1					1
40	Carbonat acid de sodiu	pur. 99,7 - 100,3%, PO4 max. 0,001%, Fe max 0,0005%	500g	2		1		1	
41	Carbonat de calciu	≥99%	250g	2				1	1
42	Carbonat de sodiu	for analysis ,Assay ≥99,9%	kg	1				1	
43	Carbonat de sodiu	0.1N (0.05M) pentru 1000 ml	fiola	1					1

44	Carbonat de sodiu anhidru	GR for analysis ACS, ISO, Reag. Ph Eur, continut: $\geq 99,9\%$; PO4 $< 0,001\%$	kg	3		1		1	1
45	Celuloza microcristalina		500g	2		1			1
46	Citrat trisodic dihidrat	GR for analysis, continut: 99.0 - 101.0%, pH = 7.5 - 9.0, Cl $\leq 0.001\%$, C2O4 $\leq 0.03\%$, PO4 $\leq 0.002\%$, SO4 $\leq 0.004\%$, N $\leq 0,001\%$, Pb $\leq 0.0005\%$, Ca $\leq 0.005\%$, Fe $\leq 0.0005\%$, NH3 $\leq 0.003\%$, H2O $\leq 11.0 - 13.0\%$	kg	4		1	1	1	1
47	Cloramina T	min 99,0%	250g	2				1	1
48	Cloroform	$\geq 99\%$	2,5L	13	5	3	2	1	2
49	Clorura de amoniu	$\geq 99\%$	kg	1	1				
50	Clorura de bariu	continut $\geq 99.0\%$, Ca $\leq 0.005\%$, Fe $\leq 0.0001\%$, K $\leq 0.0025\%$, insoluble matter max. 0,005%, ph: 5,2 - 8,2	kg	3		1	1	1	
51	Clorura de cesiu pa	for analysis, Assay (argentometric) min.99,5%	25g	1				1	
52	Clorura de cobalt hexahidrat		100g	1			1		
53	Clorura de lantan	for analysis, Assay (complexometric) min.98 %	100g	1				1	
54	Clorura de mangan	continut: 99-101%	kg	1				1	
55	Clorura de potasiu	$\geq 99\%$	500g	2	1				1
56	Clorura de sodiu	GR for analysis, continut: $> 99,5\%$; SO4 $\leq 0,001\%$; Ca $\leq 0,002\%$; Mg $\leq 0,001\%$	kg	7	5			1	1
57	Clorura de staniu	continut: 98-103%;	250 g	1	1				
58	Dicloroizocianurat de sodiu dihidrat	GR for analysis continut $\geq 98\%$	50g	2			1	1	
59	Dicromat de potasiu	GR for analysis, min 99,9%, Insoluble matter max. 0,005%, Cl max.0,001%	500g	1				1	
60	Dodecil sulfat de sodiu	for biochemistry and surfactant tests, puritate $\geq 99.0-100.2\%$	50g	2		1		1	
61	EDTA (sarea disodica a acidului etilendiaminotetraacetic dihidrat) (1 flacon)	GR for analysis ACS, ISO, Reag. Ph Eur, puritate $\geq 99\%$ by titration, Fe ≤ 5 ppm	250g	3			1	1	1
62	Fenoltaleina		100g	2			1		1
63	Florisil	Florisil Adsorbent for Chromatography, 60-100 mesh	500 g	2	2				
64	Fosfat de amoniu, dihidrogeno-, modificador de matrice	modificator pentru AAS, c: 100g/l(NH4H2PO4 - puritate 99,99%)in 1%HNO3	50ml	1				1	
65	Fosfat disodic dihidrat	$\geq 99\%$	500g	1					1
66	Fosfat monopotasnic	min. 99%; N total max. 0,02%; Cloruri max. 0,002%; SO4 max. 0,01%; Metale grele(Pb) max. 0,02%; As max. 0,0002% Fe max. 0,003%	250g	3		1		1	1

67	Glicerina pa	min 99,5%, SO4 max. 0,001%	L	1				1	
68	Glicina	GR for analysis, continut: $\geq 99,7\%$; Cl $\leq 0.003\%$, SO4 $\leq 0.0025\%$, (Pb) $\leq 0.001\%$, Fe $\leq 0.0001\%$, PB $\leq 0.0001\%$, NH4 $\leq 0.002\%$, alti aminoacizi $\leq 0.1\%$	100g	2	1			1	
69	Glucoza	D(+)-Glucose anhydrous for biochemistry Reag. Ph Eur	250g	1				1	
70	Hexan(n-) cromatografie	puritate min 96 %, reziduu la evaporare max 0,0001 %, lindan (GC-ECD) max 3 pg/ml, for GC residue analysis	2,5L	25	25				
71	n-hexan	puritate 96%	2,5L	6		2	3	1	
72	Hidrogen ftalat de potasiu	continut $\geq 99,5\%$; pierdere la uscare (105 0C) $\leq 0,2\%$; Cu $\leq 0,0002\%$	250g	2		1		1	
73	Hidroxid de sodiu	$\geq 99\%$	kg	12	4	2		4	2
74	Iodat de potasiu	for analysis, Assay (iodometric) 99,7%- 100,4%	100g	2				1	1
75	Iodura de potasiu	for analysis, continut: $>99,5\%$; Cl $<0,01\%$	500g	3			1	1	1
76	Kit consum chimic de oxigen	5-80	buc	2				1	1
77	Kit consum chimic de oxigen	50-500	buc	2				1	1
78	kit pentru analiza sulfurilor Spectroquant 0,02-1,5 mg/l	0.020 - 1.50 mg/l S2-	buc	1				1	
79	Metanol HPLC	puritate min 99,8 %, reziduu la evaporare max 3 mg/l, aciditate max 0,0002 meq/g, alcalinitate max 0,0002 meq/g, filtrat prin membrana cu diametrul porilor de max 0,2 μm	2.5L	6	6				
80	Metanol pentru LC-MS	calitate Chromasolv LC-MS Ultra, puritate min 99,9 %, pentru analiza LC-MS si UHPLC	L	3	3				
81	Metil orange		100g	1					1
82	molibdat de amoniu heptahidrat	continut: 99.3 - 101.8, Cl $\leq 0.002\%$, PO4 $\leq 0.0005\%$, SO4 $\leq 0.02\%$, (Pb) $\leq 0.001\%$, K $\leq 0.005\%$, Mg $\leq 0.005\%$, Na $\leq 0.005\%$, pentru analiza fosfatilor	kg	1				1	
83	N-(1-Naftil)-etilendiamina diclorhidrat	$\geq 99\%$	25g	3	1	1			1
84	Nitrozo-pentacianoferat de sodiu	continut 99.0 - 102.0%, cloruri $\leq 0.02\%$, hexacianoferati (II) ≤ 0.02 , hexacianoferati (III) $\leq 0.01\%$, sulfati $\leq 0.01\%$, pentru analiza amoniului	100g	1					1
85	Pernute solutie tampon nutrienti BOD, 3l	nutrienti CBO5 pentru 3 litri apa de dilutie	cutie	1		1			
86	Pernute solutie tampon nutrienti BOD, 6l	nutrienti CBO5 pentru 6 litri apa de dilutie	cutie	1		1			

87	Peroxodisulfat de potasiu	GR for analysis continut $\geq 99.0\%$, Cl $\leq 0.001\%$, (Pb) $\leq 0.003\%$, Fe $\leq 0.001\%$, Mn $\leq 0.0001\%$	250g	4	2			1	1
88	Peroxodisulfat de potasiu fara N	continut $\geq 99.0\%$, N $\leq 0.001\%$, Cl $\leq 0.001\%$, (Pb) $\leq 0.001\%$, Fe $\leq 0.0005\%$, Mn $\leq 0.0001\%$	250g	5	1	1	1	1	1
89	Piridina		L	1				1	
90	Salicilat de sodiu	continut $\geq 99.5\%$, Cl $\leq 0.002\%$, SO ₄ $\leq 0.01\%$, Pb $\leq 0.001\%$, Fe ≤ 0.0015 , pentru determinarea amoniu si azotati	250g	7	1	1	1	2	2
91	solutie conductivitate 0,147 mS/cm		500ml	3			1	1	1
92	solutie conductivitate 1,41 mS/cm	solutie KCl 0,01 mol/l	500ml	3			1	1	1
93	Solutie curatare electrod pH/normala		250ml	1					1
94	Solutie curatare electrod pH/strong		250ml	1					1
95	solutie standard clorura de sodiu HACH 1000 μ S/cm		50ml	1				1	
96	Solutie standard de turbiditate 0 FTU		30ml	1				1	
97	Solutie standard de turbiditate 10 FTU		30ml	1				1	
98	Solutie standard de turbiditate 500 FTU		30ml	1				1	
99	solutie stocare electrod pH, Hach		500ml	1		1			
100	solutie tampon pH 7		500ml	1		1			
101	solutie tampon pH HACH tehnic 4		500ml	4		1	1	1	1
102	solutie tampon pH HACH tehnic 7		500ml	4		1	1	1	1
103	solutie tampon pH HACH tehnic 10		500ml	4		1	1	1	1
104	solutie tampon pH WTW tehnic10	buffer solution pH WTW technical TPL 10, 250 ml	250ml	1				1	
105	solutie tampon pH WTW tehnic 4	buffer solution pH WTW technical TPL 4, 250 ml	250ml	1				1	
106	solutie tampon pH WTW tehnic 7	buffer solution pH WTW technical TPL 7, 250 ml	250ml	1				1	
107	solutii electrolit 3M KCl, saturat cu AgCl, pH WTW 100 ml	WTW Inolab (730/740), density 1,13 g/cm ³ (200C), boiling point 1000C, plastic bottle	100ml	2			1	1	

108	solutii electrolit 3M KCl, saturata cu AgCl, Ph HACH 28ml		28ml	1				1	
109	Sulfat de amoniu	analytical standard, for Nitrogen Determination	25g	1				1	
110	Sulfat de argint	GR for analysis, ACS, Assay (argentometric) min.98,5%	100g	5	1	1	1	1	1
111	Sulfat de cupru	GR for analysis ACS, ISO, Reag. Ph Eur, assay iodometric 99.0 - 100.5 %	500g	6				4	2
112	sulfat de fier II și amoniu	for analysis, Assay (manganometric) 99 - 101,5%	500g	5	1	1	1	2	
113	sulfat de magneziu	min 99,5%, pH value (5%;water) 5,0 - 8,0	kg	1				1	
114	Sulfat de mangan	for analysis, Assay (complexometric) 98 - 101,0%	250g	8				4	4
115	Sulfat de potasiu		500g	1	1				
116	Sulfat de sodiu anhidru	min 99,0 %, GR for analysis, particle size 0,25 - 2 mm, ACS, ISO, ph: 5,2 - 8,0	50g	1					1
117	Sulfat de sodiu anhidru		kg	5					5
118	Tampon pudra pentru fluoruri Hach	Sodium chloride, butenedioic disodium salt, succinic acid	cutie	1		1			
119	Tartrat dublu de stibiu si potasiu	Potassium antimony(III) oxide tartrate hemihydrate	250g	2		1			1
120	Tiosulfat de sodiu solutie 0,1N, fiola pentru 1000 ml	solutie 0,1N, fiola pentru 1000 ml	fiola	2				1	1
121	Tricitrat de sodiu, trihidrat	≥99%	kg	1	1				

Sef laborator
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