

## SPECIFICAȚII TEHNICE

Numărul procedurii de achiziție nr. 21060406 din 21 iulie 2022 , MTender ID [ocds-b3wdp1-MD-1658409345792](#)

Obiectul achiziției: privind achiziționarea Peselor de schimb pentru utilajul medical pentru Agenția Națională pentru Sănătate Publică

Denumirea bunurilor	Denumirea modelului bunului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standar de referință
1	2	3	4	5	6	7
<b>BUNURI</b>						
Lot 77. TOPwave IR Sensor Sensor IR pentru masurarea temperaturii de mineralizare din interiorul tubului la Mineralizatorul TopWave	TOPwave IR Sensor	Germania	Analytik Jena	cod 919-53040-0	919-5304040-0 TOPwave IR Sensor Sensor with board, chopper and decoder	
Lot 78. Detector Board Specord 200 Plus (2013) Placa detectorului la Spectrofotometrul UV-Vis Specord 200 Plus	Detector Board Specord 200 Plus (2013)	Germania	Analytik Jena	cod 228:315.27	228:315.27 Analog amplifier, non- tempered	
Lot 79. Deuterium lamp Specord 200 plus Lampa de deuteriu pentru Spectrofotometrul UV-Vis Specord 200 plus	Deuterium lamp Specord 200 plus	Germania	Analytik Jena	cod 820-60274-C	820-60274-C Deuterium lamp with adjusted base for SPECORD PLUS and SPECORD PLUS Dissolution	

Lot 82. Detector Board Specord 200 Plus (2013) Placa detectorului la Spectrofotometrul UV-Vis Specord 200 Plus	Detector Board Specord 200 Plus (2013)	Germania	Analitik Jena	cod 228:315.27	228:315.27 Analog amplifier, non- tempered
Lot 83. Seringă, Shimadzu Autosempler AOC-20i, 10 µL, P/N 221-34618	P/N 221-34618 Autosempler AOC-20i, 10 µL ,	Japonia	Shimadzu Corporation	cod 221-34618, Bucata=1 unitate	221-34618 Syringe, Autosampler AOC-20i, 10µL
Lot 84. Cauciuc siliconic Shimadzu Septa, 350C Max (20 / PK) - nr. catalog 201-35584-00	nr. catalog 201-35584-00 Septa, 350C Max (20 / PK)	Japonia	Shimadzu Corporation	cod 201-35584-00, Set a câte 20 de unități	201-35584 Septa, silicone, 350C Max, 20/pk
Lot 85. Inel de cauciuc O-RING, ARM, 4DP 3,5 / PK, ASC-6000, nr. catalog 036-11201-84	nr. catalog 036-11201-84 O-RING, ARM, 4DP3, 5 / PK, ASC-6000,	Japonia	Shimadzu Corporation	cod 036-11201-84, Set a câte 5 de unități	036-11201-84 O-ring, ARM, 4D P3, 5/pk, ASC-6000
Lot 86. Inel de cauciuc O-RING, 4D P5 (5 / PK), nr. catalog 036-11203-84	nr. catalog 036-11203-84 O-RING, 4D P5 , (5 / PK),	Japonia	Shimadzu Corporation	cod 036-11203-84, Set a câte 5 de unități	036-11203-84 O-ring, 4D P5, 5/pk
Lot 87. Shimadzu Gas Filter Kit for GC-ECD	Gas Filter Kit for GC-ECD	Japonia	Shimadzu Corporation	227-37035-01 Includes one 2-position base plate with M type connectors, one Oxygen/Moisture/Hydro carbon filter for Carrier gas, one Oxygen /Moisture filter for Nitrogen	227-37035-01 Shimadzu Gas Filter Kit for GC-ECD
Lot 88. Shimadzu Carrier Gas Filter Kit for GC- MS	Carrier Gas Filter Kit for GC-MS	Japonia	Shimadzu Corporation	227-37034-03 Includes one 1-position base plate with M type connectors, one Oxygen/Moisture/Hydro carbon Helium -specific filter	227-37034-03 Shimadzu Carrier Gas Filter Kit for GC-MS
Lot 89. Coloană DB -35 ms, 30mx0.25mmx0.25µm,Fused Silica, G 3900-63027	Coloană DB -35 ms, 30mx0.25mmx0.25µm,F used Silica, G 3900-63027	Japonia	Shimadzu Corporation	Coloană DB -35 ms, 30mx0.25mmx0.25µm,F used Silica, G 3900-63027	221-75835-30 Column SH-35MS; 0.25 mm ID; 0.25 µm df; 30 m
Lot 90. Storage vial kit, 4 mL, 15 x 45 clear vial, 13-425 closed top, PTFE lined storage screw caps, 100/pk. Vial size: 15 x 45 mm (13-425 cap)	Storage vial kit, 4 mL, 15 x 45 clear vial, 13-425 closed top, PTFE lined storage screw caps,	Japonia	Shimadzu Corporation	4 mL, 15 x 45 clear vial, 13-425 closed top,Vial size: 15 x 45 mm (13- 425 cap) Set a câte 100 bucăți	961-10020-04 Vial, 4 mL, 15 x 45mm, clear, 13-425 closed top, 100/pk

	<b>100/pk. Vial size: 15 x 45 mm (13-425 cap)</b>					
<b>Lot 92.</b> Filament D ASSY, 1 Shared by EI/CI/NCI, EI repeller assembly	<b>Filament D ASSY, 1 Shared by EI/CI/NCI, EI repeller assembly</b>	Japonia	Shimadzu Corporation	cod 225-10340-91	225-10340-91 Filament D ASSY, 1 Shared by EI/CI/NCI, EI repeller assembly	
<b>Lot 93.</b> Capillary assy for nebulizer AA-7000 cod 206-50230-91 Shimadzu	<b>Capillary assy for nebulizer AA-7000 cod 206-50230-91</b>	Japonia	Shimadzu Corporation	cod 206-50230-91 Shimadzu	206-50230-91 Capillary assay for nebulizer AA-7000	
<b>Lot 94.</b> Coloana cromatografica "DB – ALC1" 30m, diametrul intern 0,32mm	"DB – Alcool 1" 30m, diametrul intern 0,32mm, grosimea filmului de faza 1,8 micron	Japonia	Shimadzu Corporation	"DB – Alcool 1" 30m, diametrul intern 0,32mm, grosimea filmului de faza 1,8 micron	<b>Column SH-BAC Plus 1; 0.32 mm ID; 1.80 µm df;30m</b>	
<b>Lot 95.</b> Single element lamps - Lead (Pb) cod 200-38422-21 Shimadzu	<b>Single element lamps - Lead (Pb) cod 200-38422-21</b>	Japonia	Shimadzu Corporation	cod 200-38422-21 for AA -7000 Shimadzu	200-38422-21 Single element lamp - Lead (Pb)	
<b>Lot 96.</b> Single element lamps - Cadmiu (Cd) cod 200-38422-06 Shimadzu	<b>Single element lamps - Cadmiu (Cd) cod 200-38422-06</b>	Japonia	Shimadzu Corporation	cod 200-38422-06 Shimadzu	200-38422-06 Single element lamp - Cadmium (Cd)	
<b>Lot 97.</b> Single element lamps -Mercur (Hg) cod 200-38422-28 Shimadzu	<b>Single element lamps - Mercur (Hg) cod 200-38422-28</b>	Japonia	Shimadzu Corporation	cod 200-38422-28 Shimadzu	200-38422-28 Single element lamp - Mercury (Hg)	
<b>Lot 98.</b> Single element lamps - Cromium (Cr) cod 200-38422-07 Shimadzu	<b>Single element lamps - Cromium (Cr) cod 200-38422-07</b>	Japonia	Shimadzu Corporation	cod 200-38422-07 Shimadzu	200-38422-07 Single element lamp - Chromium (Cr)	
<b>Lot 99.</b> Single element lamps - Fier (Fe) cod 200-38422-10	<b>Single element lamps - Fier (Fe) cod 200-38422-10</b>	Japonia	Shimadzu Corporation	cod 200-38422-10 Shimadzu	200-38422-10 Single element lamp - Iron (Fe)	
<b>Lot 100.</b> Single element lamps - Zinc (Zn) cod 200-38422-23	<b>Single element lamps - Zinc (Zn) cod 200-38422-23</b>	Japonia	Shimadzu Corporation	cod 200-38422-23 Shimadzu	200-38422-23 Single element lamp - Zinc (Zn)	
<b>Lot 101.</b> Single element lamps - Cooper (Cu) cod 200-38422-08	<b>Single element lamps - Cooper (Cu) cod 200-38422-08</b>	Japonia	Shimadzu Corporation	cod 200-38422-08 Shimadzu	200-38422-08 Single element lamp - Cooper (Cu)	
<b>Lot 102.</b> Single element lamps - As (As) cod 200-38422-42	<b>Single element lamps - As (As) cod 200-38422-42</b>	Japonia	Shimadzu Corporation	cod 200-38422-42 Shimadzu	200-38422-42 Single element lamp - Arsenium (As)	
<b>Lot 103.</b> D2-LAMP, L6380 for AA-7000 Shimadzu/cod 062-65055-05	<b>D2-LAMP, L6380 / cod 062-65055-05</b>	Japonia	Shimadzu Corporation	cod 062-65055-05 Shimadzu	062-65055-05 D2-LAMP, L6380, for AA-7000	
<b>Lot 105.</b> Seal for AA-7000 Shimadzu cod 206-50621	<b>Seal cod 206-50621</b>	Japonia	Shimadzu Corporation	cod 206-50621 for AA-7000 Shimadzu	206-50621 Seal for AA-7000	
<b>Lot 106.</b> Graphite Cap cod 206-50602 00 for AAS Shimadzu	<b>Graphite Cap cod 206-50602 00</b>	Japonia	Shimadzu Corporation	cod 206-50602 00 for AA-7000 Shimadzu	206-50602R1 Graphite Cap for AA-7000	

Lot 107. Graphite Holder cod 206-50603 00 for AAS Shimadzu	Graphite Holder cod 206-50603 00	Japonia	Shimadzu Corporation	cod 206-50603 00 for AA-7000 Shimadzu	206-50603RI Graphite Holder for AA-7000
Lot 109. Fluorinated Rubber Tube. 4x6 / cod206- 60250-01 Shimadzu	Fluorinated Rubber Tube. 4x6 / Cod 206-60250-01	Japonia	Shimadzu Corporation	cod 206-60250-01 for AA-7000 Shimadzu	206-60250-01 Fluorinated Rubber Tube. 4x6 mm, for AA-7000
Lot 110. Inlet Liner, pentru GC Shimadzu	Inlet Liner	Japonia	Shimadzu Corporation	Inlet Liner, Ultra Inert, straight, 1.25 mm, Shimadzu, for PTV, 5 pc/pak	221-49300 Inlet Liner, Ultra Inert, straight, 1.25 mm, Shimadzu, for PTV 1 pc/pak
Lot 111. Split/Splitless Liner pentru GC/ Shimadzu.	Split/Splitless Liner	Japonia	Shimadzu Corporation	Split/Splitless Liner 3,5 mmx5,0x95	221-75193 Split/Splitless Liner, 3.5 mm x 5.0 x 95 mm
Lot 112. Syringe, mS-GLL025, Special(autosampler for AA-7000 Shimadzu)	Syringe, mS-GLL025, Specia	Japonia	Shimadzu Corporation	pentru Shimadzu GCs. IP Deact. w/Deac.	208-97211-01 SYRINGE. 250UL; AAS. ASC-6100 Syringe, mS-GLL025, Special (autosampler for AA-7000 Shimadzu)
Lot 113. Plunger Tip, TEF025 (Plunger for syringe) Shimadzu	Plunger Tip, TEF025	Japonia	Shimadzu Corporation	Cat 20956 Wool. 5 pk.	046-00043-15 Plunger Tip, TEF025 Plunger for syringe
Lot 114. Coded Hallow Cathode lamp Cadmiu (Cd) for AAS Analytik Jena	Coded Hallow Cathode lamp Cadmiu (Cd)	Germania	Analitik Jena	cod 480-450.008C, Set de 5 buc	480-450.008C Coded HCL Cd Coded Hollow Cathode Lamp Cadmium (Cd) Set 1 buc.
Lot 115. Coded Hallow Cathode lamp Lead(Pb) for AAS Analytik Jena	Coded Hallow Cathode lamp Lead(Pb)	Germania	Analitik Jena	cod 480-450.028C, pentru AAS ZEE nit700 P, Analytik Jena	480-450.028C Coded HCL Pb Coded Hollow Cathode Lamp Lead (Pb)
Lot 116. Coded Hallow Cathode lamp Crom (Cr) for AAS Analytik Jena	Coded Hallow Cathode lamp Crom (Cr)	Germania	Analitik Jena	cod 480-450.012C, pentru AAS ZEE nit700 P, Analytik Jena	480-450.012C Coded HCL Cr Coded Hollow Cathode Lamp Chromium (Cr)
Lot 117. Coded Hallow Cathode lamp Cooper(Cu) for AAS Analytik Jena	Coded Hallow Cathode lamp Cooper(Cu)	Germania	Analitik Jena	cod 480-450.014C, pentru AAS ZEE nit700 P, Analytik Jena	480-450.014C Coded HCL Cu Coded Hollow Cathode Lamp Cooper (Cu)
Lot 118. Coded Hallow Cathode lamp Zinc(Zn) for AAS Analytik Jena	Coded Hallow Cathode lamp Zinc(Zn)	Germania	Analitik Jena	cod 480-450.067C, pentru AAS ZEE nit700 P, Analytik Jena	480-450.067C Coded HCL Zn Coded Hollow Cathode Lamp Zinc (Zn)
Lot 119. Coded Hallow Cathode lamp Selen (Se) for AAS Analytik Jena	Coded Hallow Cathode lamp Selen (Se)	Germania	Analitik Jena	cod 480-450.049C, pentru AAS ZEE nit700 P, Analytik Jena	480-450.049C Coded HCL Se Coded Hollow Cathode Lamp Selenium (Se)
Lot 120. Coded Hallow Cathode lamp Mangan (Mn) for AAS Analytik Jena	Coded Hallow Cathode lamp Mangan (Mn)	Germania	Analitik Jena	cod 480-450.032C, pentru AAS ZEE nit700 P, Analytik Jena	480-450.032C

					Coded HCL Mn Coded Hollow Cathode Lamp Manganese (Mn)	
Lot 121. Coded Hallow Cathode lamp Nichel (Ni) for AAS Analytik Jena	Coded Hallow Cathode lamp Nichel (Ni)	Germania	Analytik Jena	cod 480-450.036C, pentru AAS ZEE nit700 P, Analytik Jena	480-450.036C Coded HCL Ni Coded Hollow Cathode Lamp Nickel (Ni)	
Lot 122. Pack of 10 pieces PP-sample vials, 5 ml	Pack of 10 pieces PP-sample vials, 5 ml	Germania	Analytik Jena	cod 407-230.073, pentru AAS ZEE nit 700, Analytik Jena	407-230.073 PP-sample vials, 5 mL for autosampler AS-GF (set of 10 pieces)	
Lot 123. Standard nebulizer - nebulizer rate 4.7 ml/min, complete pentru AAS ZEE nit 700, Analytik Jena	Standard nebulizer - nebulizer rate 4.7 ml/min	Germania	Analytik Jena	cod 407-111.501, pentru AAS ZEE nit 700, Analytik Jena	407-11.501 Nebulizer (graphite cannula) for mixing chamber(black)-nebulizer-system (III)	
Lot 124. Special oil SE 32 (0.5 l)	Special oil SE 32 (0.5 l)	Germania	Analytik Jena	cod 407-232.376, bucata= 0,5 l	407-232.376 Special oil SE 32 (0.5 l) for air compressor	
Lot 125. Submicro filter 0,01 µm	Submicro filter 0,01 µm	Germania	Analytik Jena	cod 407-232.800, Bucata = 1 unitate	407-232.800 Submicro filter, 0.01 µm	
Lot 126. Polystyrene-sample vials, 1,5 ml	Polystyrene-sample vials, 1,5 ml	Germania	Analytik Jena	cod 407-218.852, set = 1000 buc.	407-218.852 Polystyrene-sample vials 1.5mL for autosampler AS-GF/MPE set of 1000 pieces	
Lot 127. Set tuburi de grafit Z-standard platforma pentru AAS ZEE nit 700, Analytik Jena	Set tuburi de grafit Z-standard platforma	Germania	Analytik Jena	cod 407-152.314, Bucata = 1 unitate	407-152.314 Z-graphite tube PIN-platform - pyrolytically coated,, long (set of 10 pieces)	
Lot 128. Weighing cup (2.5 ml, Set), PTFE cup for Sampleweight (2,5 ml; suitable for PM 60, PL 100, CX 100) set 12 pieces	Weighing cup (2.5 ml, Set), PTFE cup for Sampleweight (2,5 ml; suitable for PM 60, PL 100, CX 100) set 12 pieces	Germania	Analytik Jena	cod 419-5303614-0, set = 12 bucati	419-5303614-0 Weighing cu (2.5 ml set), PTFE cup for Sample weight (2.5 ml; suitable for PM 60, PL 100, CX 100) set of 5 pieces	
Lot 129. Rupture disc standard PH 30 and PL 100, set of 25 pieces, Analytik Jena	Rupture disc standard PH 30 and PL 100, set of 25 pieces	Germania	Analytik Jena	cod 419-5014616-0, set = 25 bucati	419-5014616-0 Rupture disc standard PH 30 and PL 100, set of 25 pieces, set of 25 pieces	
Lot 130. Lid for PL 100 made of TFM, set of 5 pieces, Analytik Jena	Lid for PL 100 made of TFM, set of 5 pieces	Germania	Analytik Jena	cod 419-5300005-0, set = 5 bucati	419-5300005-0 Lid for PL 100 made of TFM, set of 5 pieces	
Lot 131. Special lid with integrated TFM rupture disc for PL 100, set of 5 pcs Analytik Jena	Special lid with integrated TFM rupture disc for PL 100, set of 5 pcs	Germania	Analytik Jena	cod 419-5046170-0, set=5 bucati	419-5046170-0 PL 100 Special lid with integrated TFM rupture disc for PL 100, set of 5 pieces	

Lot 144. PS sample vial 1,5 ml pentru AAS ZEE nit 700, Analytik Jena	PS sample vial 1,5 ml	Germania	Analytik Jena	cod 407-218.852, viale 1,5 ml unitate\ set = 1000 unitati	cod 407-218.852, Polystyrene-sample vials, 1,5 ml (set of 1000 pieces)
Lot 145. Cuvettes-"glass"-12,5x12,5x45 mm, 2 buc/set	Cuvettes-"glass"- 12,5x12,5x45 mm, 2 buc/set	Germania	Analytik Jena	Macro cuvettes with clear wall&PTFE cap, din ES Quartz, diapazon de măsurare 190-2500 nm, drum optic 10 mm, set 2 bucăți, analog 098.01.001	820-70018-0 10-OS Standard-Cell, quartz, SD 10 mm, 3500 µl, with lid (1 buc/set)
Lot 153. Set Quartz window with ring for AAS hydride systems HS 55/HS 60	Set Quartz window with ring for AAS hydride systems HS 55/HS 60	Germania	Analytik Jena	cod 407-170.600, pentru AAS novAA 800P, Analytik Jena	407-170.600 Set window with ring for AAS hydride systems HS 55/HS 60
Lot 154. Quartz cell without windows for AAS hydride systems HS 55, HS 60	Quartz cell without windows for AAS hydride systems HS 55, HS 60	Germania	Analytik Jena	cod 702-A54.012, pentru AAS novAA 800P, Analytik Jena	702-A54.012 Quartz cell without windows for AAS hydride systems HS 55, HS 60
Lot 155. Conector din cuarț silanizat pentru coloane cromatografice capilare cu diametrul intern 0,10-0,53 mm	Conector din cuarț silanizat pentru coloane cromatografice capilare cu diametrul intern 0,10- 0,53 mm	Japonia	Shimadzu Corporation	Set contine 3 bucati	Conector din cuarț silanizat pentru coloane cromatografice capilare cu diametrul intern 0,10-0,53 mm ( Set contine 1 buc.)
Lot 156. Poliimid pentru etanșarea coloanei după conectarea cu conector din cuarț (1 set cu masă de la 4 g)	Poliimid pentru etanșarea coloanei după conectarea cu conector din cuarț (1 set cu masă de la 4 g)	Japonia	Shimadzu Corporation	1 set cu masă de la 4 g	Poliimid pentru etanșarea coloanei după conectarea cu conector din cuarț (1 set cu masă de la 4 g)

Semnat: \_\_\_\_\_

Numele, Prenumele: **Natalia GUMIONAIA**

În calitate de: **Administrator**

Ofertantul: „**KIRANTONI**“ SRL

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