

Anexa nr.22
la Documentația standard nr. _____
din “ ____ ” _____ 2023

Specificații tehnice

[Acest tabel va fi completat de către ofertant în coloanele 2, 3, 4, 6, 7, iar de către autoritatea contractantă – în coloanele 1, 5,]

Numărul procedurii de achiziție nr. **ocds-b3wdp1-MD-1709552096143 din 27.03.2024**

Obiectul achiziției: **Reactivi și consumabile pentru LCCM**

Denumirea bunurilor/serviciilor	Denumirea modelului bunului/serviciului	Țara de origine	Produce - cătoru l	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standard de referință
1	2	3	4	5	6	7
Methanol	20,847,422	BDH Chemicals	Franta	Conform Ph.Eur a clear, colourless, flammable liquid, miscible with water and with ethanol (96 per cent). Ambalaj: 2.5 L	Methanol $\geq 99.8\%$, AnalaR NORMAPUR® ACS, Reag. Ph. Eur. analytical reagent Ambalaj: 2.5 L	Conform cerintilor
Ammoniumhydroxidesolution	ACRO390030010	Thermo Scientific	SUA	Liquid, assay $\geq 25\%$ NH ₃ basis, density 0.892-0.910 g/mL at 20 °C, anion traces: carbonate (CO ₃ ²⁻): ≤ 10 ppm, chloride (Cl ⁻): ≤ 0.5 ppm, phosphate (PO ₄ ³⁻): ≤ 0.5 ppm, silicate (as SiO ₂): ≤ 10 ppm, sulfate (SO ₄ ²⁻): ≤ 2 ppm, sulfide (S ²⁻): ≤ 0.2 ppm. Ambalaj: 1 L	Ammonia solution 25% in water for analysis, Density: 0,91 g/cm ³ , at 20° C, Carbonate (CO ₃) ≤ 0.001 %, Chloride (Cl) ≤ 0.00005 %, Phosphate (PO ₄) ≤ 0.00005 %, Sulfate (SO ₄) ≤ 0.0002 %, Sulfide (S) ≤ 0.0002 %, Ambalaj: 1 L	Conform cerintilor
Buffersol. pH 1,68; 4,01 ; 7,01; 10,01	REGE1040525; REGE1070525; REGE1100525; REGE101679	Reagecon	Ireland	Ambalaj 500 mL, în total câte 1 L de fiecarepH.Uncertainty $\pm 0,01$ la 25°C. Toatesoluțiile de la acelașiproducător.	Buffer solutions 4,00 $\pm 0,01$ 25 °C; 7,00 $\pm 0,01$ 25 °C; 10,00 $\pm 0,01$ 25 °C; Buffer standard DIN 19266 1,679 - 25 °C Ambalaj 500 mL	Conform cerintilor
Tetrabutylammonium hydroxide solution 40% in water	85,738,180	BDH Chemicals	Belgium	Suitable for ion-pair chromatography. Ambalaj 100 mL	Tetrabutylammonium hydroxide 40% in aqueous solution, GPR RECTAPUR®, Ambalaj 100 mL	Conform cerintilor
Tetraheptylammoniumbromide	13783946	Molekula	SUA	Conform Ph.Eur. Suitable for ion-pair chromatography. Ambalaj 50 g	Tetraheptylammonium bromide, Suitable for Ion pair chromatography, 25g	Conform cerintilor
Sodiumcobaltnitrite	86175.130	BDH Chemicals	Belgium	Conform Ph.Eur. Ambalaj 25 g	Sodium hexanitritocobaltate(III), AnalaR NORMAPUR® Reag. Ph. Eur., ACS, 25g	Conform cerintilor
Sodium 1-octanesulfonate monohydrate (CAS 207596-29-0)	15764.18	Thermo Scientific	SUA	Conform Ph.Eur. Suitable for ion-pair chromatography. Ambalaj 50 g	1-Octanesulphonic acid sodium salt monohydrate 98%, 100g, UV absorption at:210 nm -0.10; 220 nm-0,04; 254 nm-0,02; 280 nm-0.02 50g	Conform cerintilor
Sodium 1-hexanesulfonate monohydrate	ACRO411601000	Thermo Scientific	SUA	Conform Ph.Eur.Content: minimum 99.0 per cent. Suitable for ion-pair chromatography. Ambalaj 50 g	1-Hexanesulphonic acid sodium salt monohydrate 98% for HPLC100g	Conform cerintilor

Tetrabutylammonium hydrogen sulfate for HPLC (CAS 32503-27-8)	85794.150	BDH Chemicals	Belgium	Conform Ph.Eur. Corespunde cu Tetrabutylammonium hydrogen sulfate R1. Suitable for ion-pair chromatography. Ambalaj 50 g	Tetrabutylammonium hydrogen sulphate, HiPerSolv CHROMANORM® for HPLC, 25 g	Conform cerintilor
Sodium carbonate decahydrate (6132-02-1)	27761.295	BDH Chemicals	Belgium	Conform Ph.Eur. Content: 36.7 per cent to 40.0 per cent of Na ₂ CO ₃ . Chlorides: maximum 50 ppm. Sulfates: maximum 100 ppm. Iron: maximum 20 ppm. Ambalaj 250 g	Sodium carbonate decahydrate Ph. Eur. Assay (Na ₂ CO ₃) 36.7 - 40.0 %; SO ₄ (Sulphate) ≤ 100 ppm; Fe (Iron) ≤ 20 ppm Ambalaj 250 g	Conform cerintilor
Methanol HPLC	85681.320	BDH Chemicals	Poland	≥99,9%; Reag. Ph. Eur.; gradul gradient; corespunde cu Methanol R1 și R2 în conformitate cu Reag. Ph. Eur.; filtrat prin filtru de 0,2 μm; corespunde pentru utilizarea echipamentelor UPLC/ UHPLC/ Ultra HPLC; colorație: ≤ 10 Hazen; apă: ≤ 0,02%; reziduu după evaporare: ≤ 2,0 mg/l; aciditate: ≤ 0,0002 meq/g; alcalinitate: ≤ 0,0002 meq/g; densitate: 0,791 – 0,793 (la 20 °C); temperatură de fierbere: 64 – 65 °C; Gradul gradient la 235 nm: ≤ 2,0 mAU, la 254 nm: ≤ 1,0 mAU; Absorbantă: ≤ 0,170 (la 225 nm); Transmisie : la 210 nm: ≥ 20%, la 220 nm: ≥ 60%, la 230 nm: ≥ 75%, - la 235 nm: ≥ 83%, la 250 nm: ≥ 95%, - la ≥ 260 nm: 98%; Fluorescență (cachinină la 254 nm): ≤ 1,0 ppb, ≤ 0,5 ppb (cachinină la 365 nm); Ambalaj: 2,5 L	Methanol ≥99.9%, HiPerSolv CHROMANORM® ACS, Reag. Ph. Eur., super gradient grade for HPLC, suitable for UPLC/UHPLC instrument Specification Test Results Assay (GC) Min. 99.9 % Carbonyl compounds Passes test Identification Passes test Solubility in water Passes test Substances reducing permanganate Passes test Acidity Max. 0.0002 meq/g Alkalinity Max. 0.0002 meq/g Boiling point 64 - 65 °C Colouration Max. 10 APHA Density (20/20) 0.791 - 0.793 Evaporation residue Max. 1 ppm Water Max. 0.02 % Gradient (235 nm) Max. 2 mAU Gradient (254 nm) Max. 1 mAU Transmittance (210 nm) Min. 45 % Transmittance (220 nm) Min. 65 % Transmittance (225 nm) Min. 70 % Transmittance (230 nm) Min. 83 % Transmittance (235 nm) Min. 85 % Transmittance (240 nm) Min. 90 % Transmittance (250 nm) Min. 95 % Transmittance (260 nm) Min. 98 % Transmittance (280-400 nm) Min. 98 % Absorbance (210 nm) Max 0.347	Ambalaj: 2,5 L Conform cerintilor

Acetonitrile HPLC	85681.320	BDH Chemicals	Belgium	<p>99,9%; Reag. Ph. Eur.; gradul gradient; corespunde cu Acetonitril pentru cromatografie și Acetonitril R1 în conformitate cu Reag. Ph. Eur.; filtrat prin filtru de 0,2 μm; corespunde pentru utilizarea echipamentelor UPLC/ UHPLC/ Ultra HPLC; colorație: ≤ 10 Hazen; apă: ≤ 0,02%; rezidu după evaporare: ≤ 2,0 mg/l; aciditate: ≤ 0,0002 meq/g; alcalinitate: ≤ 0,0002 meq/g; densitate: 0,78 (la 20°C); indice de refracție (n_{20/D}): 1,344, se distilează la 80–82 °C: ≥ 95% (v/v) Gradul gradient la 210 nm: ≤ 1,0 mAU, la 254 nm: ≤ 0,5 mAU; Absorbantă: ≤ 0,10 (la 200 nm); Transmisie: - la 193 nm: ≥ 60%; - la 195 nm: ≥ 80%; - la ≥ 230 nm: ≥ 98%, Fluorescență (cachinină la 254 nm): ≤ 1,0 ppb, ≤ 0,5 ppb (cachinină la 365 nm); Ambalaj: 2,5 L</p>	<p>Acetonitrile ≥ 99.9%, HiPerSolv CHROMANORM® for LC-MS, suitable for UPLC/UHPLC instruments Assay (on anhydrous substance) Min. 99.9% Solution (100 g/l) Passes test Acidity Max. 0.0001 meq/g Alkalinity Max. 0.0002 meq/g, Boiling point 80 - 82 °C, Colouration Max. 10 APHA, Density (20/4) 0.781 - 0.784 Density (20/20) 0.782 - 0.785 Refractive index (20°C) 1.343 - 1.345 Evaporation residue Max. 2 ppm Water Max. 0.02 % Al (Aluminium) Max. 50 ppb Ca (Calcium) Max. 50 ppb Fe (Iron) Max. 50 ppb K (Potassium) Max. 50 ppb Mg (Magnesium) Max. 10 ppb Na (Sodium) Max. 100 ppb Absorbance (191 nm) Max. 0.5 Absorbance (200 nm) Max. 0.1 Absorbance (210 nm) Max. 0.02 Absorbance (215 nm) Max. 0.01 Absorbance (220 nm) Max. 0.01 Absorbance (230 nm) Max. 0.005 Absorbance (from 240 nm) Max. 0.005 Transmittance (191 nm) Min. 30 % Transmittance (195 nm) Min. 80 % Transmittance (200 nm) Min. 95 % Transmittance (210 nm) Min. 96 % Transmittance (215 nm) Min. 98 % Transmittance (220 nm) Min. 98 % Transmittance (230 nm) Min. 99 % Transmittance (from 240 nm) Min. 99 % Fluorescence (as quinine) (254/450 nm) Max. 1 ppb Gradient grade (210 nm) Max. 3 mAU Gradient (254 nm) Max. 1 mAU MS-ESI+ (as Reserpine) Max. 2 ppb MS-APCI+ (as Reserpine) Max. 2 ppb MS-ESI- (as 4-Nitrophenol) Max. 20 ppb MS-APCI- (as 4-Nitrophenol) Max. 20 ppb Conforms to Reag. Ph.Eur. Passes test</p>	Conform cerintilor
Conductivity standard 0 - 2 μS/cm	89001.230	BDH Prolabo	Belgium	Certified reference material. La 25°C. Ambalaj 500 mL.	Conductivity standard CRM Conductivity standard CRM,, 0 - 2 μS/cm (nominal) , Matrix: H ₂ O, Reference temperature: 25 °C	Conform cerintilor
Conductivity standard 5 μS/cm	84133.260	Thermo Scientific	Belgium	Certified reference material. La 25°C. Ambalaj 500 mL.	Conductivity standard 5 μS/cm	Conform cerintilor
Acetic acid anhydrous	20104.243	BDH Prolabo	Belgium	Conform Ph.Eur. Content: minimum 99.6 per cent m/m of C ₂ H ₄ O ₂ . Freezing point: minimum 15.8 °C. Water: maximum 0.4 per cent. Density: 1.052 to 1.053. Ambalaj 1 L	Acetic acid glacial 99.8-100.5%, AnalaR NORMAPUR® ACS, Reag. Ph. Eur. analytical reagent, Density: 1,05 g/cm ³ (20 °C) , water Max. 0.25 % Ambalaj 1 L	Conform cerintilor
Phosphoric acid concentrated	20626.292	BDH Prolabo	Belgium	84,0-90,0% m/m; Cloruri: max.50 ppm; Sulfați: max.100ppm; Fier: max.50ppm; conform Ph.Eur. Suitable for HPLC. Ambalaj: 1 L.	Orthophosphoric acid ≥ 85% Ph. Eur. Assay 84.0 - 90.0 % Cl (Chloride) Max. 50 ppm SO ₄ (Sulphate) Max. 100 ppm Fe (Iron) Max. 50 ppm	Conform cerintilor
Periodic acid	20592.181	BDH Prolabo	Belgium	Conform Ph.Eur. Crystals, freely soluble in water and soluble in ethanol (96 per cent). mp: about 122 °C. Ambalaj 25 g	Periodic acid ≥ 97%, GPR RECTAPUR®, Melting Pt: 122 °C, Density: 1,3875 g/cm ³ (20 °C) , Ignition residue (SO ₄) Max. 0.5 % Ambalaj 25 g	Conform cerintilor
1-naphthol	A11862.22	Thermo Scientific	USA	Conform Ph.Eur. mp: about 95 °C. Ambalaj 25 g	1-Naphthol ≥ 99%, Melting Pt: 95...97 °C Ambalaj 25 g	Conform cerintilor
2-naphthol	ACRO180821000	Thermo Scientific	USA	Conform Ph.Eur. mp: about 122 °C. Ambalaj 25 g	2-Naphthol 99+%, Melting point 120 to 124 °C Ambalaj 25 g	Conform cerintilor

Tetradecylammoniumbromide	SIAL87580-50G	Merck	DE	Conform Ph.Eur. Suitable for ion-pair chromatography. Ambalaj 50 g	Tetrakis(decyl)ammonium bromide, Sigma-Aldrich®, 99%, ambalaj 50g	Conform cerintilor
N,N-Dimethylformamide	83634.320	BDH Chemicals	Belgium	Conform Ph.Eur. Density : 0.949 to 0.952. bp: about 153 °C. Water: maximum 0.1 per cent. Ambalaj 2,5 L	N,N-Dimethylformamide ≥99.9%, HiPerSolv CHROMANORM® for HPLC, Boiling Pt: 153 °C (1013 hPa) , Density: 0,949 g/cm³ (20 °C) , Water Max. 0.02 % Ambalaj 2,5 L	Conform cerintilor
Hexane	ACRO445720025	Thermo Scientific	USA	Conform Ph.Eur. Density: 0.659 to 0.663. Refractive index: 1.375 to 1.376. Distillation range. Not less than 95 per cent distils between 67 °C and 69 °C. Absorbance: maximum 0.01 from 260 nm to 420 nm. Suitable for HPLC. Ambalaj 2,5 L	n-Hexane 97+% ACS, meets analytical specifications of Reagent Ph. Eur. for HPLC Density: 0,659 g/cm³ , Refractive index 1.3750 to 1.3760 (20°C, 589 nm)UV at 260 nm A: ≤0.005 UV at 420 nm A: ≤0.005 Ambalaj 2,5 L	Conform cerintilor
Sodiumhydroxide	7066-33	Avantor	Poland	Conform Ph.Eur. Content: 97.0 to 100.5%; (CO32-)max. 2.0%; (Cl-)-max. 200ppm; (SO42-)-max. 200ppm; (Fe)-max. 10ppm. Ambalaj 1 kg	Sodium hydroxide 97.0-100.5% Ph. Eur., 97.0 to 100.5%; EP - Carbonates (Na2CO3) ≤ 2.0 % , EP - Chlorides (Cl) ≤ 200 ppm, EP - Sulfates (SO4) ≤ 200 ppm , EP - Iron (Fe) ≤ 10 ppm Ambalaj 1 kg	Conform cerintilor
Cyclohexane	22864.K2	Thermo Scientific	USA	Conform Ph.Eur.: Clear, colourless, flammable liquid, practically insoluble in water, miscible with organic solvents. d20 about 0.78. bp about 80.5 °C. Ambalaj 1 L	Cyclohexane 99+% ACS Boiling Pt: 80...81 °C Density: 0,779 Ambalaj 1 L	Conform cerintilor
Sodiumdodecylsulfate	APPC142363.1211	Pan Rech Applichem	DE	Conform Ph.Eur. Assay ≥99.0% (GC), Non-esterified alcohols: maximum 4.0 per cent; Sodium chloride and sodium sulfate: maximum 8.0 per cent for the total percentage content. Ambalaj 1 kg	Sodium dodecyl sulphate (SDS) ≥85.0% USP, NF, BP, Ph. Eur., pure Non-esterified alcohols 4,0%, Sodium Chloride and Sodium Sulfate (Ph. Eur.) 8,0% Ambalaj 1 kg	Conform cerintilor
Potassium di-hydrogen phosphate (CAS 7778-77-0)	26922.295	BDH Chemicals	Belgium	Conform Ph.Eur. Content: 98.0 per cent to 100.5 per cent (dried substance). pH: 4.2 to 4.5. Reducing substances: conform Ph.Eur. Chlorides: maximum 200 ppm. Sulfates: maximum 300 ppm. Arsenic: maximum 2 ppm. Iron: maximum 10 ppm. Sodium: maximum 0.1 per cent. Loss on drying: maximum 2.0 percent. Ambalaj 1 kg	Potassium dihydrogen phosphate 98.0-100.5%, crystallised Ph. Eur. pH (5 %) 4.2 - 4.5, Cl (Chloride) Max. 200 ppm, SO4 (Sulphate) Max. 300 ppm, Fe (Iron) Max. 10 ppm, Loss on drying (125-130°C) Max. 2.0 % Ambalaj 1 kg	Conform cerintilor
Di-potassium hydrogen phosphate (CAS 7758-11-4)	26932.290	BDH Chemicals	Belgium	Conform Ph.Eur. Content: 98.0 per cent to 101.0 per cent (dried substance). Reducing substances: conform Ph.Eur. Monopotassium phosphate: maximum 2.5 per cent. Chlorides: maximum 200 ppm. Sulfates: maximum 0.1 per cent. Iron: maximum 10 ppm. Loss on drying: maximum 2.0 percent. Ambalaj 1 kg	di-Potassium hydrogen phosphate 98.0-101.0% Ph. Eur. Cl (Chloride) Max. 200 ppm Monopotassium phosphate Max. 2.5 % SO4 (Sulphate) Max. 0.1 % Fe (Iron) Max. 10 ppm Loss on drying (125-130°C) Max. 2.0 % Ambalaj 1 kg	Conform cerintilor
Sodiumperchlorate	ACRO197122500	Thermo Scientific	SUA	Conform Ph.Eur. Content: minimum 99.0 per cent of NaClO4.H2O. White or almost white, deliquescent crystals, very soluble in water. Ambalaj 100 g	Sodium perchlorate 99+% for analysis White Crystalline powder or crystals insoluble matter ≤0.005 % (in water) Ambalaj 100 g	Conform cerintilor

Sodiumstandardfor AAS	86693.260	BDH Chemicals	Belgium	NIST, Traceable CRM, suitable for AAS. Ambalaj 250 mL	Sodium Standard Solution, 1000 mg/L Na in dil. Nitric Acid, Standard for AAS Traceable to SRM from NIST Manufactured and tested in ISO Guide 34/ ISO17025 accredited facilities Supplied with certificate of analysis, real value $\pm 0,3\%$ Ambalaj 250 mL	Conform cerintilor
Potassiumstandardfor AAS	86686.260	BDH Chemicals	Belgium	NIST, Traceable CRM, suitable for AAS. Ambalaj 250 mL	Potassium standard solution, 1,000 mg/L K in dilute nitric acid standard for AAS Traceable to SRM from NIST Manufactured and tested in ISO Guide 34/ ISO17025 accredited facilities Supplied with certificate of analysis, real value $\pm 0,3\%$ Ambalaj 250 mL	Conform cerintilor
Titrant Karl Fischer one component	APPC285815.1611	Pan Reac	DE	one-component reagent for volumetric Karl Fischer titration; titr-5 mg H ₂ O/ml. Ambalaj: 1L.	AQUAMETRIC titrants for volumetric Karl Fischer titrations 1 ml of Titrant 5 corresponds to: min. 5,0 mg of H ₂ O (20°C) at time of manufacture. Ambalaj: 1L.	Conform cerintilor
1-Butanol	ACRO393750010	Thermo Scientific	SUA	Conform Ph.Eur. Ambalaj 1 L	1-Butanol for HPLC GC $\geq 99,7\%$ Ambalaj 1 L	Conform cerintilor
4-Methylpentan-2-ol (CAS 108-11-2)	A13435.AP	Thermo Scientific	SUA	Conform Ph.Eur. Assay min 99%. Ambalaj 5 mL	(\pm)-4-Methyl-2-pentanol $\geq 99\%$ Ambalaj 2*500 mL	Conform cerintilor
Caffeinemeltingpointstandard	85108.001	BDH Chemicals	Belgium	NIST, Traceable CRM. Ambalaj 1 g	Caffeine Melting Point Standard Caffeine 235 to 238°C $\pm 0,3$ Ambalaj 1 g	Conform cerintilor
Vanilinmeltingpointstandard	85103.001	BDH Chemicals	Belgium	NIST, Traceable CRM. Ambalaj 1 g	Vanillin Melting Point Standard Vanillin 81 to 83°C $\pm 0,3$ Ambalaj 1 g	Conform cerintilor
Phenacetinmeltingpointstandard	85105.001	BDH Chemicals	Belgium	NIST, Traceable CRM. Ambalaj 1 g	Melting Point Standard PRODUCT NAME: Melting Point Standard Phenacetin 133 to 135°C $\pm 0,3$ Ambalaj 1 g	Conform cerintilor
pH universalindicatorpaper	662-0204	MACHERY -NAGEL	DE	pH 1–14	Universal indicator, 5 m roll pH 1–14	Conform cerintilor
dimethylsulfoxide (GC)	APPC191954.1612	Pan Reach Applichem	DE	conform Ph.Eur, for GC-HeadSpace. Ambalaj: 2.5L	Dimethyl sulphoxide $\geq 99,9\%$ (by GC) USP, BP, Ph. Eur., pharma grade. Ambalaj: 2.5L	Conform cerintilor
Lampa UV pentruinstalatie de obtinere a apei pure Elix Advantage 15	171-0137	Merck	DE	Lungimeundă 254 nm	alternativa pentru ZLXUVLP01 - Bactericidal UV lamp, 254 nm, for Elix / RiOs-DI™ systems	Conform cerintilor
Lampa UV pentruinstalatie de obtinere a apei pure Elix Advantage 15	171-0137	Merck	DE	LampaUVcode: ZLXUVLP01	alternativa pentru ZLXUVLP01 - Bactericidal UV lamp, 254 nm, for Elix / RiOs-DI™ systems	Conform cerintilor
Lampa UV pentruinstalatie de obtinere a apei pure Elix Advantage 15	171-0097	Merck	DE	Lampa UV code: ZMQUVLP01	alternativa pentru ZMQUVLP01 Replacement UV lamp 185/254 nm	Conform cerintilor

60 GPD RO CARTRIGE	172-5088	Merck	DE	60 GPD RO CARTRIGE	alternativa pentru CDRC60201 60 GPD RO CARTRIDGE Cartridges for Milli-Q® Osmosis cartridge	Conform cerintilor
BalonErlenmeyer 250 ml	BRND92736	Brand	DE	027.01.250ERLENMEYERS – „clear” „glass” – narrow neck”Balon conic de sticlă borosilicat	Erlenmeyer flasks, narrow or wide neck, with beaded rim Borosilicate glass, grade 3.3, clear.	Conform cerintilor
BalonErlenmeyer 500 ml	BRND92744	Brand	DE	027.01.500ERLENMEYERS – „clear” „glass” – narrow neck”Balon conic de sticlă borosilicat	Erlenmeyer Flasks, Narrow Neck, Heavy-Duty Borosilicate 3.3 glass.Height 145mm	Conform cerintilor
BalonErlenmeyer 1000 ml	BRND92754	Brand	DE	027.01.901ERLENMEYERS – „clear” „glass” – narrow neck”Balon conic de sticlă borosilicat	Erlenmeyer Flasks, Narrow Neck, Heavy-Duty Borosilicate 3.3 glass.Height 145mm	Conform cerintilor
Liner p/u chromatograf de gaz	5183-4647	AT	SUA	5183-4647 Inlet liner, split, single taper, glass wool, deactivated, low pressure drop	Split, single taper liner with glass wool, deactivated, low pressure drop, 870 µl, 4mm, 1pk-set	Conform cerintilor
Liner p/u Head Space	5181-8818	AT	SUA	5181-8818 Inlet liner, splitless, straight, deactivated, quartz	Splitless, straight liner, deactivated, quartz, 250 µl, 2 mm, 1pk-set	Conform cerintilor
Garnitura p/u instalarea GC	5181-8830	AT	SUA	5181-8830 Column nut for GC capillaries, 2/pk	Universal column nut, small, 1/16" hex, 2pk-set	Conform cerintilor
Ferrule, grafite, 0,53 mm	5062-3512	AT	SUA	5062-3512 Ferrule, 0.8 mm ID, 15% graphite/85% Vespel, 0.45 to 0.53 mm column, 10/pack.	85% vespel, 15% graphite ferrules, short, ferrule ID 0,4 mm, column ID 0,45, 0,53 mm,10pk-set	Conform cerintilor
Ferrule, grafite, 0,32 mm	5080-8853	AT	SUA	5080-8853 Ferrule, graphite, short, internaldiameter 0.5 mm, for columnsfrom 0.1 to 0.32 mm, 10 pcs/pack.	General purpose graphite ferrules, short, ferrule ID 0,5 mm, column ID 0,1, 0,2, 0,25, 0,32 mm, 10pk-set	Conform cerintilor

Semnat: _____

Numele, Prenumele: _ Vladimir Todorov

În calitate de: Director

Ofertantul: _ **TEMEI-VTAC SRL** RM,Chisinau,str.Ginta Latina 17/1-86

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