

## SPECIFICAȚII TEHNICE (F4.1)

Numărul procedurii de achiziție: **ocds-b3wdp1-MD-1735894718582 din 03.01.2025**

Denumirea procedurii de achiziție: **Standard analitice, standarde interne / LIPA**

Nr. d/o	Codul CPV	Denumirea bunurilor și specificația tehnică deplină solicitată	Modelul articolului	Țara de origine	Producătorul	Specificarea tehnică deplină	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
1	33100000-1	Penicilin G $C_{16}H_{17}KN_2O_4S$	46609-250MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Penicillin G potassium salt VETRANAL®, analytical standard	ISO
2	33100000-1	Penicilin V $C_{16}H_{17}KN_2O_5S$	DRE-C15935010	UK	LGC Group	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Penicilline V potassium, neat, produced according to ISO 17034, Dr. Ehrenstorfer	ISO
3	33100000-1	Nafcilin $C_{21}H_{21}N_2NaO_5S$	32071-100MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Nafcillin sodium salt VETRANAL®, analytical standard	ISO
4	33100000-1	Cefapirin $C_{17}H_{16}N_3NaO_6S_2$	43989-100MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Cefapirin sodium analytical standard	ISO
5	33100000-1	Desfuroyl Cefiofur $C_{14}H_{15}N_5O_5S_3$	TRC-D289980	CANADA	TRC	Puritatea $\geq 85.0\%$ Ambalaj original certificate de calitate trasabil la SI	Desfuroyl Cefiofur (>85%), TRC CANADA	ISO
6	33100000-1	Amino flubendazole $C_{14}H_{10}FN_3O$	32841-10MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	2-Aminoflubendazole VETRANAL®, analytical standard	ISO
7	33100000-1	Closantel $C_{22}H_{14}Cl_2N_2O_2$	34093-100MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Closantel PESTANAL®, analytical standard	ISO
8	33100000-1	Febantel $C_{20}H_{22}N_4O_6S$	33981-100MG-R	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Febantel VETRANAL®, analytical standard	ISO
9	33100000-1	Fenbendazol sulfon $C_{15}H_{13}N_3O_4S$	32544-10MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Fenbendazole sulfone VETRANAL®, analytical standard	ISO
10	33100000-1	Flubendazol $C_{16}H_{12}FN_3O_3$	34091-100MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Flubendazol VETRANAL®, analytical standard	ISO
11	33100000-1	Hidroxi mebendazole $C_{16}H_{15}N_3O_3$	DRE-C14798020	UK	LGC Group	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Mebendazole-5-hydroxy Dr. Ehrenstorfer	ISO
12	33100000-1	Brombuterol $C_{12}H_{18}Br_2N_2O$ HCl	94972-10MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Brombuterol hydrochloride VETRANAL®, analytical standard	ISO

13	33100000-1	Clenbuterol $C_{12}H_{18}Cl_2N_2O \cdot HCl$	DRE-C11668550	UK	LGC Group	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Clenbuterol hydrochloride, neat, produced according to ISO 17034, Dr. Ehrenstorfer	ISO
14	33100000-1	Isoxsuprine $C_{18}H_{23}NO_3 \cdot HCl$	DRE-C14483500	UK	LGC Group	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Isoxsuprine hydrochloride, neat, produced according to ISO 17025, Dr. Ehrenstorfer	ISO
15	33100000-1	Tiamfenicol $C_{12}H_{15}Cl_2NO_5S$	16715-100MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Thiamphenicol analytical standard	ISO
16	33100000-1	Sulfamerazin $C_{11}H_{12}N_4O_2S$	46826-250MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Sulfamerazine VETRANAL®, analytical standard	ISO
17	33100000-1	Gamitromicina $C_{40}H_{76}N_2O_{12}$	32161-25MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Gamithromycin VETRANAL®, analytical standard	ISO
18	33100000-1	Sulfadoxin $C_{12}H_{14}N_4O_4S$	DRE-C16990600	UK	LGC Group	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Sulfadoxine, neat, produced according to ISO 17034, Dr. Ehrenstorfer	ISO
19	33100000-1	Sulfadimetoxin $C_{12}H_{14}N_4O_4S$	46794-250MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Sulfadimethoxine VETRANAL®, analytical standard	ISO
20	33100000-1	Sulfamonometoxina $C_{11}H_{12}N_4O_3S$	32091-100MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Sulfamonomethoxine VETRANAL®, analytical standard	ISO
21	33100000-1	Sulfametoxipiridazina $C_{11}H_{12}N_4O_3S$	46858-250MG-R	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Sulfamethoxy pyridazine VETRANAL®, analytical standard	ISO
22	33100000-1	Sulfanitran $C_{14}H_{13}N_3O_3S$	DRE-C17000050	UK	LGC Group	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Sulfanitran, neat, produced according to ISO 17034, Dr. Ehrenstorfer	ISO
23	33100000-1	Tilmicosin $C_{46}H_{80}N_2O_{13}$	33864-100MG-R	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Tilmicosin VETRANAL®, analytical standard, mix of isomers	ISO
24	33100000-1	Eritromicina $C_{37}H_{67}NO_{13}$	DRE-C13203490	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Erythromycin A hydrate VETRANAL®, analytical standard	ISO
25	33100000-1	Tilosin $C_{46}H_{77}NO_{17}$	PHR2652-500MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Tylosin certified reference material, pharmaceutical secondary standard	ISO
26	33100000-1	Tulatromicin A $C_{41}H_{79}N_3O_{12}$	SML2107-50MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Tulathromycin A $\geq 95\%$ (HPLC), powder, macrolide antibiotic	ISO
27	33100000-1	Oxolinic acid $C_{13}H_{11}NO_5$	67126-100MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Oxolinic acid analytical standard	ISO
28	33100000-1	Marbofloxacin $C_{17}H_{19}FN_4O_4$	34039-100MG-R	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Marbofloxacin VETRANAL®, analytical standard	ISO
29	33100000-1	Danofloxacin $C_{19}H_{20}FN_3O_3$	33700-100MG-R	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Danofloxacin VETRANAL®, analytical standard	ISO
30	33100000-1	Sarafloxacin $C_{20}H_{17}F_2N_3O_3 \cdot HCl \cdot xH_2O$	33497-100MG-R	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Sarafloxacin hydrochloride, neat, produced according to ISO 17034, Dr. Ehrenstorfer	ISO
31	33100000-1	Difloxacin $C_{21}H_{19}F_2N_3O_3$	33984-100MG-R	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Difloxacin hydrochloride VETRANAL®, analytical standard	ISO
32	33100000-1	Epi tetraciclina $C_{22}H_{24}N_2O_8$	DRE-C13179500	UK	LGC Group	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	4-Epitetracycline hydrochloride, Dr. Ehrenstorfer	ISO
33	33100000-1	Sulfaguanidin $C_7H_{10}N_4O_2S$	32402-100MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Sulfaguanidine VETRANAL®, analytical standard	ISO
34	33100000-1	Triclabendazol sulfoxide $C_{14}H_9Cl_3N_2O_2S$	35391-10MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Triclabendazole sulfoxide VETRANAL®, analytical standard	ISO
35	33100000-1	Triclabendazol sulfon $C_{14}H_9Cl_3N_2O_3S$	35389-10MG	Germania	Sigma Aldrich	Puritatea $\geq 98.0\%$ Ambalaj original certificate de calitate trasabil la SI	Triclabendazole sulfone VETRANAL®, analytical standard	ISO

36	33100000-1	Cefquinome C <sub>23</sub> H <sub>24</sub> N <sub>6</sub> O <sub>5</sub> S <sub>2</sub>	32472-100MG	Germania	Sigma Aldrich	Puritatea ≥98.0% Ambalaj original certificate de calitate trasabil la SI	Cefquinome sulfate VETRANAL®, analytical standard	ISO
37	33100000-1	Pah-mix 4 solution Benzo (a) pyrene Benzo[a] anthracene Benzo[b]fluranthene Chrysene	CRM47940	Germania	Sigma Aldrich	Pah-mix 4 solution (Benzo (a) pyrene, Benzo[a] anthracene, Benzo[b]fluranthene Chrysene) 10 µg/mL in Acetonitril. Ambalaj original. certificate de calitate trasabil la SI	PAH Calibration Mix TraceCERT®, certified reference material, 10 µg/mL each component in acetonitrile	ISO
38	33100000-1	Antracen C <sub>14</sub> H <sub>10</sub>	DRE-XA20520000AL	UK	LGC Group	Antracen 100 µg/mL în acetonitril Ambalaj original. certificate de calitate trasabil la SI	Anthracene 100 µg/mL in Acetonitrile, Single Solution, produced according to ISO 17025, Dr. Ehrenstorfer	ISO
39	33100000-1	Benzo(a)pyrene C <sub>20</sub> H <sub>12</sub>	DRE-XA20635000AL	UK	LGC Group	Benzo (a) pyrene 100µg/ml. Ambalaj original. certificate de calitate trasabil la SI	Benzo[a]pyrene 100 µg/mL in Acetonitrile, Single Solution, produced according to ISO 17034, Dr. Ehrenstorfer	ISO
40	33100000-1	Eprinomectina C <sub>30</sub> H <sub>75</sub> NO <sub>14</sub>	32526-100MG	Germania	Sigma Aldrich	Puritatea ≥98.0% Ambalaj original certificate de calitate trasabil la SI	Eprinomectin PESTANAL®, analytical standard, mixture of isomers	ISO
41	33100000-1	Moxidectin C <sub>37</sub> H <sub>53</sub> NO <sub>8</sub>	33746-25MG	Germania	Sigma Aldrich	Puritatea ≥98.0% Ambalaj original certificate de calitate trasabil la SI	Moxidectin VETRANAL®, analytical standard	ISO
42	33100000-1	Doramectin C <sub>50</sub> H <sub>74</sub> O <sub>14</sub>	33993-100MG-R	Germania	Sigma Aldrich	Puritatea ≥98.0% Ambalaj original certificate de calitate trasabil la SI	Doramectin VETRANAL®, analytical standard	ISO
43	33100000-1	Ivemectin C <sub>48</sub> H <sub>74</sub> O <sub>14</sub> , C <sub>47</sub> H <sub>72</sub> O <sub>14</sub>	DRE-CA14488000	UK	LGC Group	Puritatea ≥98.0% Ambalaj original certificate de calitate trasabil la SI	Ivermectine, neat, produced according to ISO 17025, Dr. Ehrenstorfer	ISO
44	33100000-1	37 Component FAME Mix (CRM 47885)	CRM47885	Germania	Sigma Aldrich	37 Component FAME Mix - material de referință certificat, Trace CERT®, în diclorometan (concentrație variată), fiolă de 1 ml	Supelco 37 Component FAME Mix certified reference material, TraceCERT®, in dichloromethane (varied conc.), ampule of 1 mL	ISO
45	33100000-1	Standarde de calibrare GC & GC/MS (CRM 5188-5372)	5188-5372	USA	Agilent	Standarde de calibrare GC & GC/MS compatibil pentru Agilent 7890,1 set = 3*0.5ml	Fid MDL test sample 3x0.5 ml ampoules, Agilent	ISO
46	33100000-1	cis/trans FAME Column Performance Mix(CRM 40495-U)	40495-U	Germania	Sigma Aldrich	2,5 mg/mL în diclorometan, fiolă de 1 mL	cis/trans F.A.M.E Column Performance Mix 2.5 mg/mL in dichloromethane, ampule of 1 mL	ISO
47	33100000-1	Amestec de ester metilic al acidului linoleic (CRM47791)	CRM47791	Germania	Sigma Aldrich	cis/trans, material de referință certificat, 10 mg/mL în diclorometan	Linoleic Acid Methyl Ester Mix cis/trans, certified reference material, 10 mg/mL in dichloromethane	ISO
48	33100000-1	Amestec de izomeri de ester metilic al acidului linolenic (CRM47792)	CRM47792	Germania	Sigma Aldrich	material de referință certificat, 10 mg/mL în diclorometan, fiolă de 1 mL	Linolenic Acid Methyl Ester Isomer Mix certified reference material, 10 mg/mL in dichloromethane, ampule of 1 mL	ISO
49	33100000-1	Solutie standard Pb	41318-100ML-F	Germania	Sigma Aldrich	Lead nitrate (high-purity quality) in 2% HNO <sub>3</sub> (prepared with HNO <sub>3</sub> suitable for trace analysis and high-purity water, 18.2 MΩ·cm, 0.22 µm filtered). Ambalaj original, certificate de calitate trasabil la SI	Lead Standard for ICP TraceCERT®, 1 g/L Pb in nitric acid (nominal concentration), Lead nitrate (high-purity quality) in 2% HNO <sub>3</sub> (prepared with HNO <sub>3</sub> suitable for trace analysis and high-purity water, 18.2 MΩ·cm, 0.22 µm filtered).	ISO
50	33100000-1	Solutie standard Cd	36379-100ML-F	Germania	Sigma Aldrich	certificate de calitate trasabil la SI Cd(NO <sub>3</sub> ) <sub>2</sub> în HNO <sub>3</sub> 2-3% 1000 mg/l Cd, Ambalaj original	Cadmium Standard for ICP TraceCERT®, 1 g/L Cd in nitric acid (nominal concentration) Cadmium metal (pure material) in 2% HNO <sub>3</sub> (prepared with HNO <sub>3</sub> suitable for trace analysis and high-purity water, 18.2 MΩ·cm, 0.22 µm filtered).	ISO

51	33100000-1	Material de referinta certificat	ERMCE278K-8G	Germania	Sigma Aldrich	CRM – CE278k, material de referinta certificate pentru determinarea Pb, Cd, As	Mussel tissue (elements) ERM®, certified reference material	ISO
52	33100000-1	hidrazidă de acid 3,5-dinitrosalicilic, C <sub>7</sub> H <sub>6</sub> N <sub>4</sub> O <sub>6</sub>	TRC-D480315	UK	LGC Group	Puritatea ≥98.0% Ambalaj original	3,5-Dinitrosalicylhydrazide, >95% (HPLC)	ISO
53	33100000-1	Ronidazole -OH /HMMNI(2Hidroximetil-1-metil-5-nitro-1 H imidazol)C <sub>5</sub> H <sub>7</sub> N <sub>3</sub> O <sub>3</sub>	34003-10MG-R	Germania	Sigma Aldrich	Puritatea ≥99.0% Ambalaj original	HMMNI VETRANAL®, analytical standard	ISO
54	33100000-1	Nicarbazinul C <sub>13</sub> H <sub>10</sub> N <sub>4</sub> O <sub>5</sub> · C <sub>6</sub> H <sub>8</sub> N <sub>2</sub> O	32409-100MG	Germania	Sigma Aldrich	Puritatea ≥98.0% Ambalaj original certificate de calitate trasabil la SI	Nicarbazin VETRANAL®, analytical standard	ISO
55	33100000-1	Semduramicin sodiu (in acetonitrile) C <sub>45</sub> H <sub>75</sub> NaO <sub>16</sub>	688540	Germania	HPC	Puritatea ≥98.0% Ambalaj original certificate de calitate trasabil la SI C= 100 µg/ml, cantitatea 1 x 1ml Numar CAS 119068-77-8	Semduramicin sodium Solution (Solvent: Acetonitrile)	ISO
56	33100000-1	Beclometazonă C <sub>22</sub> H <sub>29</sub> ClO <sub>5</sub>	DRE-C10429000	UK	LGC Group	Puritatea ≥98.0% Ambalaj original certificate de calitate trasabil la SI CAS 4419-39-0, M=408.92 g/mol	Beclomethasone	ISO
57	33100000-1	Isoflupredone C <sub>21</sub> H <sub>27</sub> FO <sub>5</sub>	TRC-I816600-10MG	UK	LGC Group	Puritatea ≥95.0% Ambalaj original certificate de calitate trasabil la SI CAS 338-95-4, M=378.43 g/mol	Isoflupredone >95% (HPLC)	ISO
58	33100000-1	Cloramfenicol C <sub>11</sub> H <sub>12</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>5</sub>	31667-250MG	Germania	Sigma Aldrich	Puritatea ≥98.0% Ambalaj original certificate de calitate trasabil la SI CAS 56-75-7, M=323.13 g/mol	Chloramphenicol VETRANAL®, analytical standard	ISO
59	33100000-1	Tiabendazol 13C6 (13C)6C4H7N3S	680142	Germania	HPC	Puritatea ≥98.0% Ambalaj original certificate de calitate trasabil la SI	13C6-Thiabendazole	ISO
60	33100000-1	Demociclina	46161-100MG	Germania	Sigma Aldrich	Puritatea ≥99.0% Ambalaj original certificate de calitate trasabil la SI	Demeclocycline hydrochloride hydrate VETRANAL®, analytical standard	ISO

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

Valabilitatea ofertei: **30 zile**

Numele, Prenumele: **Michiciuc Gheorghe**

**14.01.2025**

Funcția: **Director**

Oferatntul: **SRL «Mic — Tan»**

Adresa: **mun. Chișinău str. Alexandru cel Bun, 38**