

Teenuste hinnad alates 21.02.2018/ Price list 21.02.2018

No	Test	Method	Price (EUR)
1	Tiheduse mõõtmine laboratorselt areomeetrilise meetodiga <i>Crude petroleum and liquid petroleum products – Laboratory determination of density – Hydrometer method</i>	EN ISO 3675	10
2	<i>Standard Test Method for Density, Relative Density (Specific Gravity), or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method</i>	ASTM D1298/ IP 160, API MPMS Ch 9.1	10
3	Tiheduse määramine. Ostsilleeruva U-toru meetodil <i>Crude petroleum and petroleum products – Determination of density – Oscillating U-tube Method</i>	EN ISO 12185	15
4	<i>Standard Test Method for Density, Relative Density, and API Gravity of Liquids by Digital Density Meter</i>	ASTM D4052	15
5	Oktaaniarvu määramine mootorimeetodil (MON) <i>Petroleum products – Determination of knock characteristics of motor and aviation fuels – Motor method</i>	EN ISO 5163	160
6	<i>Standard Test Method for Motor Oktane Number of Spark-Ignition Engine Fuel</i>	ASTM D2700/IP236	160
7	Oktaaniarvu määramine uurimismeetodil (RON) <i>Petroleum products – Determination of knock characteristics of motor fuels – Research method</i>	EN ISO 5164	160
8	<i>Standard Test Method for Research Octane Number of Spark-Ignition Engine Fuel</i>	ASTM D2699/IP237	160
9	Tsetaanmootori meetod <i>Petroleum products – Determination of the ignition quality of diesel fuels - Cetane engine method</i>	EN ISO 5165	170
10	<i>Standard Test Method for Cetane Number of Diesel Fuel Oil</i>	ASTM D613/ IP41	170
11	Väävlisisalduse määramine energiajahutusega röntgenfluorestsentspektomeetria meetodil <i>Petroleum products -Determination of sulfur content - Energydispersive X-ray fluorescence spectrometry</i>	EN ISO 8754	50
12	<i>Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy Dispersive X-ray Fluorescence Spectrometry</i>	ASTM D4294	50
13	Tioolide ja teiste aktiivsete väävliühendite määramine - Doktortest <i>Petroleum products and hydrocarbon solvents – Detection of thiols and other sulfur species – Doctor test</i>	EN ISO 5275	35
14	<i>Standard Test Method for Qualitative Analysis for Active Sulfur Species in Fuels and Solvents (Doctor Test)</i>	ASTM D4952	35
15	Üldväävli määramine UV fluorestsentsmeetodil <i>Petroleum product s- Determination of sulfur content of automotive fuels - Ultraviolet fluorescence method</i>	EN ISO 20846	55
16	<i>Standard Test Method for Determination of Total Sulfur in Light Hydrocarbons, Spark Ignition Engine Fuel, Diesel Engine Fuel, and Engine Oil by Ultraviolet Fluorescence</i>	ASTM D5453	55
17	<i>Ethanol as a blending component for petrol – Determination of sulphur content - Ultraviolet fluorescence method</i>	EN 15486	55
18	Mootorkütuste väävlisisalduse määramine energiajahutusega röntgenfluorestsentspektrometriliselt <i>Petroleum products - Determination of sulfur content of automotive fuels - Energy-dispersive X-ray fluorescence spectrometry</i>	EN ISO 20847	50
19	Korrosiivsus vaskplaadikatsel <i>Petroleum products – Corrosiveness to copper – Copper strip test</i>	EN ISO 2160	40

20	<i>Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test</i>	ASTM D130/ IP 154	40
21	Naftasaaduste fraktsioonikoostise määramine normaalarõhul <i>Petroleum products. Determination of distillation characteristics at atmospheric pressure</i>	EN ISO 3405	55
22	<i>Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure</i>	ASTM D86	55
23	<i>Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure (Mini Method)</i>	ASTM D7344	50
24	Küllastunud aururõhu määramine minimeetodil <i>Liquid petroleum products – Vapour pressure – Part 1: Determination of air saturated vapour pressure (ASVP) and calculated dry vapour pressure equivalent (DVPE)</i>	EN 13016-1	55
25	<i>Standard Test Method for Vapor Pressure of Petroleum Products (Mini Method)</i>	ASTM D5191	55
26	Kerge ja keskmiste destillaatkütuste vaigusisalduse määramine jubaaurutusmeetodil. <i>Petroleum products - Gum content of light and middle distillate fuels - Jet evaporation method</i>	EN ISO 6246	45
27	<i>Standard Test Method for Gum Content in Fuels by Jet Evaporation</i>	ASTM D381	45
28	Bensiini oksüdatsioonikindluse määramine induktsiooniperioodi meetodil <i>Petroleum products – Determination of oxidation stability of gasoline – Induction period method</i>	EN ISO 7536	50
29	<i>Standard Test Method for Oxidation Stability of Gasoline (Induction Period Method)</i>	ASTM D525/ IP 40	50
30	<i>Standard Test Method for Free Water and Particulate Contamination in Distillate Fuels (Visual Inspection Procedures)</i>	ASTM D4176	25
31	Süsivesinike tüüpide määramine fluorestantsindikaatoriga adsorptsioonmeetodil <i>Petroleum products and related materials - Determination of hydrocarbon types - Fluorescent indicator adsorption method</i>	EN 15553	80
32	<i>Standard Test Method for Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Absorption.</i>	ASTM D1319/ IP156	80
33	<i>Standard Test Method for Determination of MTBE, ETBE, TAME, DIPE, Methanol, Ethanol and tert-Butanol in Gasoline by Infrared Spectroscopy</i>	ASTM D5845	85
34	Tsetaaniindeksi määramine. <i>Petroleum products – Calculation of Cetane Index of Middle-distillate Fuels by the Four-variable equation</i>	EN ISO 4264	60
35	<i>Standard Test Method for Calculated Cetane Index by Four Variable Equation</i>	ASTM D4737	60
36	<i>Standard Test Method for Calculated Cetane Index of Distillate Fuels</i>	ASTM D976	60
37	Oksüdatsioonistabiilsuse määramine <i>Petroleum products – Determination of the oxidation stability of middle-distillate fuels</i>	EN ISO 12205	65
38	<i>Standard Test Method for Oxidation Stability of Distillate Fuel Oil (Accelerated Method)</i>	ASTM D2274/ IP388	65
39	Leekpunkti ja süttimistempera- tuuri määramine. Clevelandi avatud tiigli meetod <i>Petroleum products – Determination of flash and fire point – Cleveland open cup method</i>	EN 22592 , ISO 2592	40

40	<i>Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester</i>	ASTM D92 / IP 36	40
41	Aurulukuindeks (VLI) , arvutusmeetod <i>Vapour Lock Index (VLI), calculation method</i> (VLI = 10VP + 7E70)	EN 228 Calculation method	120
42	Leekpunkti määramine Pensky-Martensi suletud tiiglis <i>Determination of flash point – Pensky-Martens closed cup method</i>	EN ISO 2719	40
43	<i>Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester</i>	ASTM D93 / IP34	40
44	Leekpunkti määramine Pensky-Martensi suletud tiiglis <i>Animal and vegetable fats and oils – Flash point limit test using Pensky-Martens closed cup flash tester</i>	ISO 15267	40
45	Filtreeritavuspunkti määramine <i>Diesel and domestic heating fuels – Determination of cold filter plugging point (CFPP)</i>	EN 116	45
46	<i>Standard Test Method for Cold Filter Plugging Point of Diesel and Heating Fuels</i>	ASTM D6371	45
47	Hangumispunkti määramine <i>Petroleum products – Determination of pour point</i>	ISO 3016	40
48	<i>Standard Test Method for Pour Point of Petroleum Products</i>	ASTM D 97 / IP 15	40
49	Hägustumispunkti määramine <i>Petroleum products - Determination of cloud point</i>	EN 23015	40
50	<i>Standard Test Method for Cloud Point of Petroleum Products</i>	ASTM D2500/ IP219	40
51	Kinemaatilise viskoossuse määramine <i>Petroleum products – Transparent and opaque liquids – Determination of kinematic viscosity and calculation of dynamic viscosity</i>	EN ISO3104	45
52	<i>Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity)</i>	ASTM D445 / IP71	45
53	Vee määramine naftasaadustes ja bituminoossetes materjalides destilleerimismeetodil <i>Petroleum products and bituminous materials – Determination of water – Distillation method</i>	ISO 3733	45
54	<i>Standard Test Method for Water in Petroleum Products and Bituminous Materials by Distillation</i>	ASTM D95/ IP74	45
55	<i>Standard Test Method for Water in Crude Oil by Distillation</i>	ASTM D4006 /IP358	45
56	Alumine ja ülemine eripõlemissoojus <i>Standard Test Method for Estimation of Net and Gross Heat of Combustion of Burner and Diesel Fuels</i>	ASTM D4868	150
57	Tuhasuse määramine <i>Petroleum products – Determination of ash</i>	EN ISO 6245	50
58	<i>Standard Test Method for Ash from Petroleum Products</i>	ASTM D482 / IP 4	50
59	Sulfaattuha määramine määrdeõlides ja manustes. <i>Petroleum products - Lubricating oils and additives - Determination of sulfated ash</i>	ISO 3987	60
60	<i>Standard Test Method for Sulfated Ash from Lubricating Oils and Additives</i>	ASTM D874 / IP163	60
61	Benseeni määramine, infrapunase spektroskoopia meetod <i>Liquid petroleum products – Petrol - Determination of the benzene content by Infrared spectrometry</i>	EN 238	85

62	<i>Standard Test Method for Benzene in Motor and Aviation Gasoline by Infrared Spectroscopy</i>	ASTM D4053	85
63	<i>Standard Test Method for Determination of Benzene in Spark-Ignition Engine Fuels Using Mid Infrared Spectroscopy</i>	ASTM D6277	85
64	Naftasaaduste koksiarvu määramine Conradson'i meetodil <i>Petroleum Products – Determination of carbon residue – Conradson method</i>	ISO 6615	65
65	<i>Standard Test Method for Conradson Carbon Residue of Petroleum Products</i>	ASTM D189 / IP 13	65
66	Naftasaaduste koksiarvu määramine mikromeetodil. <i>Petroleum products – Determination of carbon residue – Micro method</i>	EN ISO 10370	65
67	<i>Standard Test Method for Determination of Carbon Residue (Micro Method)</i>	ASTM D4530	65
68	<i>Standard Test Method for Distillation of Petroleum Products at Reduced Pressure</i>	ASTM D1160	140
69	Happe- ja leelisarvu määramine värvusindikaatoriga tiitrimisel <i>Petroleum products and lubricants – Determination of acid or base number – Colour-indicator titration method</i>	ISO 6618	65
70	<i>Standard Test Method for Acid and Base Number by Color-Indicator Titration</i>	ASTM D974/ IP139	65
71	<i>Standard Test Method for Base Number Determination by Potentiometric Hydrochloric Acid Titration</i>	ASTM D4739	70
72	Neutralisatsiooniarvu määramine potentsiomeetrilisel tiitrimisel <i>Petroleum products and lubricants – Neutralization number – Potentiometric titration method</i>	ISO 6619	70
73	<i>Standard Test Method for Acid Number of Petroleum Products by Potentiometric Titration</i>	ASTM D664 / IP177	70
74	Üldise leelisarvu määramine potentsiomeetrilisel tiitrimisel <i>Petroleum products - Determination of base number - Perchloric acid potentiometric titration method</i>	ISO 3771	70
75	<i>Standard Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration</i>	ASTM D2896/ IP276	70
76	<i>Standard Test Method for Acidity in Aviation Turbine Fuels</i>	ASTM D3242 /IP354	70
77	<i>Standard Test Method for Acidity of Hydrocarbon Liquids and Their Distillation Residues</i>	ASTM D1093	70
78	<i>Standard Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer , and Related Products</i>	ASTM D1613	70
79	Etanool bensini komponendina. Üldhappesuse määramine. Värvusindikaatoriga tiitrimise meetod <i>Ethanol as a blending component for petrol – Determination of total acidity – Colour indicator titration method</i>	EN 15491	70
80	<i>Standard Test Method for Estimation of Net Heat of Combustion of Aviation Fuels</i>	ASTM D3338/ D3338M	150
81	Naftasaadustes seotud vee määramine kulonomeetriliselt Karl Fischer titratsioonil <i>Petroleum products – Determination of water – Coulometric Karl Fischer titration method</i>	EN ISO 12937	45
82	<i>Standard Test Method for Determination of Water In Petroleum Products, Lubricating Oils, and Additives by Coulometric Karl Fischer Titration</i>	ASTM D6304	45
83	<i>Standard Test Method for Water in Crude Oils by Coulometric Karl Fischer Titration</i>	ASTM D4928/IP 386 MPMS Ch.10.9	45

84	<i>Standard Test Method for Water in Organic Liquids by Coulometric Karl Fischer Titration</i>	ASTM E1064	45
85	Veesisalduse määramine kulonomeetriselt Karl Fischer titratsioonil <i>Ethanol as a blending component for petrol – Determination of water content – Karl Fischer coulometric titration method</i>	EN 15489	45
86	<i>Standard Test Method for Density and Relative Density of Crude Oil by Digital Density Analyzer</i>	ASTM D5002	15
87	<i>Standard Test Method for Pour Point of Crude Oils</i>	ASTM D5853/ IP441	45
88	Tahkete osiste määramine keskmistes destillaatides <i>Liquid petroleum products – Determination of contamination in middle distillates</i>	EN 12662	50
89	<i>Standard Test Method for Particulate Contamination in Middle Distillate Fuels by Laboratory Filtration</i>	ASTM D6217/ IP415	50
90	<i>Sediment in Crude Oil by Membrane Filtration</i>	ASTM D4807, MPMS Ch.10.8	45
91	Sette määramine toornaftas ja kütteõlides ekstraktsioonmeetodil <i>Crude petroleum and fuel oils – Determination of sediment – Extraction method</i>	EN ISO 3735	45
92	<i>Sediment in Crude Oils and Fuel Oils by the Extraction Method</i>	ASTM D473/ IP 53,MPMS Ch.10.1	45
93	<i>Particulate Contamination in Aviation Fuels by Laboratory Filtration</i>	ASTM D5452/ IP423	50
94	Vee ja sette määramine jääk-kütteõlides. Tsentrifuugi meetodis (laboratoorne menetlus) <i>Petroleum products – Determination of water and sediment in residual fuel oils – Centrifuge method</i>	ISO 3734	45
95	<i>Standard test method for Water and Sediment in Fuel Oils by the Centrifuge Method (Laboratory Procedure)</i>	ASTM D1796, MPMS Ch.10.6	45
96	<i>Standard test method for Water and Sediment in Middle Distillate fuels by Centrifuge</i>	ASTM D2709	45
97	<i>Standard test method for Water and Sediment in Crude Oils by the Centrifuge Method (Laboratory Procedure)</i>	ASTM D4007, MPMS Ch.10.3	45
98	Benseeni ja toluenei sisalduse määramine pliivabas bensiinis, gaaskromatograafiliselt <i>Liquid petroleum products. Unleaded petrol. Determination of benzene content by gas chromatography</i>	EN ISO 12177	135
99	<i>Standard Test Method for Determination of Benzene and Toluene in Finished Motor and Aviation Gasoline by Gas Chromatography</i>	ASTM D3606	135
100	<i>Standard Test Method for Cleanliness and Compatibility of Residual Fuels by Spot Test</i>	ASTM D4740	60
101	Plii väikeste kontsentratsioonide määramine AAS meetodil <i>Liquid petroleum products – Petrol – Determination of low lead concentration by atomic absorption spectrometry</i>	EN 237	90
102	<i>Standard Test Method for Lead in Gasoline by Atomic Absorption Spectroscopy</i>	ASTM D3237	90
103	<i>Standard Test Method for Electrical Conductivity of Aviation and Distillate fuels</i>	ASTM D2624	75
104	Organilise värvaine Automate Blue 8GHF määramine <i>Determination of marker Automate Blue 8GHF</i>	VV määrus 148/2014 Lisa 3	25
105	Erimärgistusaine Solvent Yellow 124 määramine <i>Determination of marker Solvent Yellow 124</i>	VV määrus 148/2014 Lisa 1	25

106	Organilise värvaine Automate Red NR määramine <i>Determination of marker Automate RED NR</i>	VV määrus 148/2014 Lisa 2	25
107	Värvuse määramine ASTM skaala järgi <i>Petroleum products – Determination of color (ASTM scale)</i>	ISO 2049	25
108	<i>Standard Test Method for ASTM Color of Petroleum Products (ASTM Color Scale)</i>	ASTM D1500/ IP196	25
109	<i>Standard Test Method for Saybolt Color of Petroleum Products</i>	ASTM D156	25
110	<i>Standard Test Method for Color of Petroleum Products by the Automatic Tristimulus Method</i>	ASTM D6045	50
111	Orgaaniliste hapnikku sisaldavate ühendite ja summaarse orgaanilise hapnikusisalduse gaasikromatograafiline määramine <i>Liquid petroleum products. Unleaded petrol. Determination of organic oxygenate compounds and total organically bound oxygen content by gas chromatography using column switching</i>	EN 13132	135
112	<i>Standard Test Method for Determination of MTBE, ETBE, TAME, DIPE, tertiary-Amyl Alcohol and C₁ to C₄ Alcohols in Gasoline by Gas Chromatography</i>	ASTM D4815	135
113	<i>Standard Test Method for Mercaptan Sulfur in Gasoline, Kerosine, Aviation Tyrbine and Distillate Fuel (Potentiometric Method)</i>	ASTM D3227/ IP342	70
114	Orgaanilist hapnikku sisaldavate ühendite ja summaarse orgaanilise hapnikusisalduse gaasikromatograafiline määramine (O.FID) <i>Liquid petroleum products – Unleaded petrol – Determination of organic oxygenate compound and total organically bound oxygen content by gas chromatography (O-FID)</i>	EN 1601	135
115	<i>Standard Test Method for Determination of Oxygenates in Gasoline by Gas Chromatography and Oxygen Selective Flame Ionization Detection</i>	ASTM D5599	135
116	Viskoossusindeksi arvutamine kinemaatilisest viskoossusest 40 °C ja 100 °C juures <i>Petroleum products – Calculation of viscosity index from kinematic viscosity</i>	ISO 2909	90
117	<i>Standard Practice for Calculating Viscosity Index from Kinematic Viscosity at 40°C and 100°C</i>	ASTM D 2270/ IP226	90
118	Aromaatsete süsivesinike klasside määramine keskmiste destillaatides kõrgsurvedelikkromatograafiliselt <i>Petroleum products – Determination of aromatic Hydrocarbon types in middle distillates – High performance liquid chromatography method with refractive index detection</i>	EN 12916, IP 391	115
119	<i>Determination of Aromatic Hydrocarbon Types in Middle Distillates – High Performance Liquid Chromatography Method with Refractive Index Detection</i>	ASTM D6591/ IP548	115
120	<i>Determination of Aromatic Hydrocarbon Types in Aviation Fuels and Petroleum Distillates - High Performance Liquid Chromatography Method with Refractive Index Detection</i>	ASTM D6379/ IP436	115
121	<i>Standard Test Method for Manganese in Gasoline by Atomic Absorption Spectroscopy</i>	ASTM D3831	95
122	<i>Standard Test Method for Analysis of Barium, Calcium, Magnesium, and Zink in Unused Lubricating Oils by Atomic Absorption Spectrometry</i>	ASTM D4628	145
123	Naftasaaduste destillaatide ja küllastumata süsivesinike broomiarvu määramine elektromeetrilisel meetodil <i>Petroleum products – Determination of bromine number of distillates and aliphatic olefins – Electrometric method</i>	ISO 3839	95

124	<i>Standard Test Method for Bromine Numbers of Petroleum Distillates and Commercial Aliphatic Olefins by Electrometric Titration</i>	ASTM D1159/ IP130	95
125	<i>Standard Test Method for Determination of Nickel, Vanadium, Iron, and Sodium in Crude Oils and Residual Fuels by Flame Atomic Absorption Spectrometry</i>	ASTM D5863	145
126	<i>Standard Test Method for Determination of Aluminium and Silicon in Fuel Oils by Ashing, Fusion, Inductively Coupled Plasma Atomic Emission Spectrometry, and Atomic Absorption Spectrometry</i>	ASTM D5184	165
127	Alumiiniumi ja räni määramiseks kütteõlides tuhastamisjärgselt ICP-AAS-iga <i>Petroleum products – Determination of aluminium and silicon in fuel oils – Inductively coupled plasma emission and atomic absorption spectroscopy method</i>	ISO 10478	155
128	Määrimisvõime määramine. <i>Diesel fuel - Assessment of lubricity using the High-frequency reciprocating rig (HFRR) - Part 1 : Test method</i>	EN ISO 12156-1	120
129	<i>Standard Test Method for Evaluating Lubricity of Diesel Fuels by the High-Frequency Reciprocating Rig (HFRR)</i>	ASTM D6079	120
130	<i>Standard Test Method for Determination of Ethanol Content of Denatured Fuel Ethanol by Gas Chromatography</i>	ASTM D5501	135
131	Rasvhapete metüülestrite (FAME) sisalduse määramine vedelate naftasaaduste keskmistes destillaatides infrapunaspektroskoopia meetod <i>Liquid petroleum products - Determination of fatty acid methyl esters (FAME) content in middle distillates - Infrared spectroscopy method</i>	EN 14078	90
132	Rasvhapete metüülestrite (FAME) happearvu määramine <i>Oil and fat derivatives - Fatty Acid Methyl Esters (FAME) - Determination of acid value</i>	EN 14104	60
133	Rasvhapete metüülestrite (FAME) joodiarvu määramine. <i>Oil and fat derivatives - Fatty Acid Methyl Esters (FAME) - Determination iodine value</i>	EN 14111	60
134	Rasvhapete metüülestrite (FAME) naatriumisalduse määramine AAS meetodil <i>Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of sodium content by atomic absorption spectrometry</i>	EN 14108	90
135	Rasvhapete metüülestrite (FAME) kaaliumisalduse määramine AAS meetodil <i>Fat and Oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of potassium content by atomic absorption spectrometry</i>	EN 14109	90
136	Rasvhapete metüülestrite (FAME) metanoolisisalduse määramine . <i>Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of methanol content</i>	EN 14110	135
137	Rasvhapete metüülestrite (FAME) - Oksüdatsioonilise stabiilsuse määramine <i>Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of oxidation stability (accelerated oxidation test)</i>	EN 14112	55
138	Rasvhapete metüülestrid (FAME) - Estri ja linoleenhappe metüülestri sisalduse määramine <i>Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of ester and linolenic acid methyl ester content</i>	EN 14103	135

139	Loomsed ja taimsed rasvad ja õlid. Rasvhapete metüülestrite gaasikromatograafiline analüüs <i>Animal and vegetable fats and oils – Analysis by gas chromatography of methyl esters of fatty acid</i>	EN ISO 5508	135
140	Rasvhapete metüülestrid (FAME) kui mootorikütused diiselmootorite jaoks. Vaba ja kogu glütserooli ning mono-, di- ja triglütseriidide sisalduse määramine <i>Automotive fuels Fatty Acid Methyl Esters (FAME) for diesel engines. Determination of free and total glycerol and mono, di-, and triglyceride content</i>	EN 14105	135
141	<i>Test Method for Determination of Free and Total Glycerin in B-100 Biodiesel Methyl Esters by Gas Chromatography</i>	ASTM D6584	135
142	Rasva ja õli derivaadid. Rasvhapete metüülestrid (FAME) - Vaba glütserooli määramine <i>Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of free glycerol content</i>	EN 14106	135
143	Rasva ja õli derivaadid. Rasvhapete metüülestrid (FAME) diiselmootorite jaoks. Polüküllastumata (≥ 4 kaksiksidemete) rasvhapete metüülestrite (PUFA) määramine gaasikromatograafiliselt <i>Petroleum products and fat and oil derivatives – Fatty acid methyl esters (FAME) for diesel engines - Determination of polyunsaturated (≥ 4 double bonds) fatty acid methyl esters (PUFA) by gas chromatography</i>	EN 15779	135
144	Vedelad naftasaadused. Kütuste keskmistest destillaatidest rasvhapete metüülestrite (FAME) eraldamine ja iseloomustamine. Vedelikkromatograafia (LC) / gaaskromatograafia (GC) meetod <i>Liquid petroleum products - Separation and characterisation of fatty acid methyl esters (FAME) by liquid chromatography/gas chromatography (LC/GC)</i>	EN 14331	135
145	Happearvu ja happesuse määramine rasvades ja õlides <i>Animal and vegetable fats and oils - Determination of acid value and acidity</i>	EN ISO 660	60
146	Niiskuse ja lenduvate ühendite sisaldus määramine rasvades ja õlides <i>Animal and vegetable fats and oils - Determination of moisture and volatile matter content</i>	EN ISO 662	55
147	Lahustumatute lisandite sisalduse määramine rasvades ja õlides <i>Animal and vegetable fats and oils - Determination of insoluble impurities content</i>	EN ISO 663	55
148	Loomsed ja taimsed rasvad ja õlid. Seebistumisarvu määramine <i>Animal and vegetable fats and oils - Determination of saponification value</i>	EN ISO 3657	70
149	Loomsed ja taimsed rasvad ning õlid - Joodiarvu määramine <i>Animal and vegetable fats and oils - Determination of iodine value</i>	EN ISO 3961	70
150	Mitteseebistuvate ainete määramine dietüülestriga ekstraktsiooni meetodil <i>Determination of unsaponifiable matter - Method using diethyl ether extraction</i>	EN ISO 3596	70
151	Alküülnitraatide määramine diislikütustes <i>Petroleum products - Determination of alkyl nitrate in diesel fuels - Spectrometric method</i>	EN ISO 13759	105
152	<i>Standard Test Method for Alkyl Nitrate in Diesel Fuels by Spectrophotometry</i>	ASTM D4046	105
153	<i>Standard Test Method for Amyl Nitrate in Diesel Fuels</i>	ASTM D1839	105

154	Keskmiselt destilleeritud kütuste oksüdatsioonistabiilsuse määramine <i>Automotive fuels - Fatty acid methyl ester (FAME) fuel and blends with diesel fuel - Determination of oxidation stability by accelerated oxidation method</i>	EN 15751	55
155	Leekpunkti määramine suletud tiigli meetodil <i>Determination of flash point - Rapid equilibrium closed cup method</i>	EN ISO 3679	55
156	<i>Standard Test Methods for Flash Point by Small Scale Closed Cup Tester</i>	ASTM D3828	55
157	Peroksiidaru määramine <i>Animal and vegetable fats and oils - Determination of peroxide value</i>	EN ISO 3960	85
158	Peroksiidaru määramine <i>Animal and vegetable fats and oils - Determination of peroxide value - Potentiometric end-point determination</i>	EN ISO 27107	85
159	Fosfori sisalduse määramine kolorimeetriliselt <i>Animal and vegetable fats and oils - Determination of phosphorus content - Part 1: Colorimetric method</i>	EN ISO 10540-1	85
160	<i>Freezing point of Aviation Fuels</i>	ASTM D2386	70
161	Mittetahmava leegi kõrguse määramine <i>Determination of the smoke point of kerosine</i>	ISO 3014	75
162	<i>Smoke Point of Kerosine and Aviation Turbine Fuel</i>	ASTM D1322/ IP57	75
163	<i>Color of Dyed Aviation Gasolines</i>	ASTM D2392	60
164	<i>Water Reaction of Aviation Fuels</i>	ASTM D1094	45
165	<i>Standard Test Method for Lead in Gasoline – Iodine Monochloride Method</i>	ASTM D3341	80
166	<i>Standard Test Method for Oxidation Stability of Aviation Fuels (Potential Residue Method)</i>	ASTM D873/IP 138	65
167	<i>Standard Test Method for Chloride Ion In Water</i>	ASTM D512	80
168	Anorgaaniliste kloriidide – potentsiomeetriline meetod <i>Ethanol as a blending component for petrol – Determination of inorganic chloride – Potentiometric method</i>	EN 15484	80
169	Klooriiooni määramine tööstuskemikaalides potentsiomeetrilise meetodiga <i>Chemical products for industrial use. Determination of chloride ions - Potentiometric method</i>	ISO 6227	80
170	Vesinikusisalduse määramine lennukikütustes. <i>Estimation of Hydrogen Content of Aviation Fuels</i>	ASTM D3343	100
171	Etanooli, denatureeritud kütuseetanooli ja kütuseetanooli (Ed75-Ed85) pH määramine <i>Standard Test Method for Determination of pHe of Ethanol, Denatured Fuel Ethanol, and Fuel Ethanol (Ed75-Ed85)</i>	ASTM D6423	45
172	<i>Ethanol as a blending component for petrol – Determination of pHe</i>	EN 15490	45
173	Fosforisisalduse määramine ammooniummolübdfaat spektromeetriliselt <i>Ethanol as a blending component for petrol – Determination of phosphorus content – Ammonium molybdate spectrometric method</i>	EN 15487	75
174	Fosforisisalduse määramine bensiinis <i>Determination of Phosphorus in Gasoline</i>	ASTM D3231	75
175	Etanool bensiini komponendina. Välimuse määramine visuaalselt. <i>Ethanol as a blending component of petrol - Determination of appearance – Visual method</i>	EN 15769	15

176	Etanool bensiini komponendina. – kuivjäägi määramine gravimeetriliselt <i>Ethanol as a blending component for petrol – Determination of total dry residue (involatile material) – Gravimetric method</i>	EN 15691	55
177	<i>Hydrogen Sulfide and Mercaptan Sulfur in Liquid Hydrocarbons by Potentiometric Titration</i>	UOP 163-10	135
178	Etanool bensiini komponendina ja etanool kütusena (E85). Elektri juhtivuse määramine <i>Ethanol blending component and ethanol fuel . Determination of electrical conductivity</i>	EN 15938	75
179	<i>Dynamic Viscosity and Density of Liquid by Stabinger Viscometer (and the Calculation of Kinematic Viscosity)</i>	ASTM D7042	60
180	<i>Oxidation Stability of Spark Ignition Fuel – Rapid Small Scale Oxidation Test</i>	ASTM D7525	65
181	<i>Oxidation Stability of Middle Distillate Fuels</i>	ASTM D7545	65
182	<i>Liquid petroleum products – Middle distillates and fatty acid methyl ester (FAME) fuels and blends – Determination of oxidation stability by rapid small scale oxidation method</i>	EN 16091	65
183	Naftasaaduste seebistusarvu määramine potentsiomeetrilisel tiitrimisel <i>Petroleum Products - Determination of saponification number Part 1: Colour- indicator titration method</i>	ISO 6293-1	65
184	Naftasaaduste seebistusarvu määramine potentsiomeetrilisel tiitrimisel <i>Petroleum Products - Determination of saponification number Part 2: Potentiometric titration method</i>	ISO 6293-2	70
185	<i>Saponification number of petroleum products by potentiometric titration</i>	ASTM D939	70
186	<i>Standard Test Methods for Saponification Number of Petroleum Products</i>	ASTM D94	70
187	Naftasaadused. Summaarse sette määramine jääkütteõlides <i>Petroleum products - Total sediment in residual fuel oil – Part 1 : Determination by hot filtration Part 2 : Determination using standard procedures for aging</i>	ISO 10307-1 ISO 10307-2/ IP 390	65
188	<i>Standard Test Method for Determination of Total Sediment in Residual Fuels</i>	ASTM D4870/ IP 375	65
189	Oksüdatsioonistabiilsuse määramine <i>Animal and vegetable fats and oils - Determination of oxidative stability (accelerated oxidation test)</i>	EN ISO 6886	60
190	<i>Standard Test Method for Naphthalene Hydrocarbons in Aviation Turbine Fuels by Ultraviolet Spectrophotometry</i>	ASTM D1840	75
191	Ca, Mg ja Na, K määramine <i>Fat and oil derivatives – Fatty acid methyl ester (FAME) – Determination of Ca, K, Mg and Na content by optical emission spectral analysis with inductively coupled plasma (ICP OES)</i>	EN 14538	100
192	Fosfori määramine <i>Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of phosphorus content by inductivity coupled plasma (ICP) emission spectrometry</i>	EN 14107	95
193	Loomsed ja taimsed rasvad ja õlid. Veesisalduse määramine. Karl Fischeri meetod (püridiinivaba) <i>Animal and vegetable fats and oils – Determination of water content – Karl Fischer method (pyridine free)</i>	EN ISO 8534	60
194	<i>Standard Test Method for Determination Water Separation Characteristics of Aviation Turbine by Portable Separometer</i>	ASTM D3948	65

195	Loomsed ja taimsed rasvad ja õlid. Fosfori määramine ICP <i>Animal and vegetable fats and oils -- Determination of phosphorus content -- Part 3: Method using inductively coupled plasma (ICP) optical emission spectroscopy</i>	ISO 10540-3	100
196	Leekpunkti määramine - Abeli suletud tiigli meetod <i>Determination of flash point – Abel closed cup method</i>	EN ISO 13736/ IP 170	55
197	<i>Determination of Aluminium, silicon, vanadium, nickel, iron, sodium, calcium, zinc and phosphorus in residual fuel oil by ashing, fusion and inductively coupled plasma emission spectrometry</i>	IP 501	220
198	Süsiniku aromaatindeksi määramine <i>Petroleum products — Fuels (class F) — Specifications of marine fuels - Ignition characteristics of residual marine fuels Calculated Carbon Aromaticity Index (CCAI)</i>	ISO 8217 Annex F	125
199	Alumine ja ülemine eripõlemissoojus <i>Petroleum products — Fuels (class F) — Specifications of marine fuels - Specific energy (Net/Gross)</i>	ISO 8217 Annex E	145
200	<i>Ethanol as a blending component for petrol – Determination of higher alcohols, methanol and volatile impurities – Gas chromatographic method</i>	EN 15721	105
201	<i>Ethanol as a blending component for petrol - Determination of phosphorus, copper and sulfur content – Direct method by inductively coupled plasma optical emission spectrometric (ICP-OES)</i>	EN 15837	145
202	<i>Automotive fuels – Determination of manganese content in unleaded petrol – Inductively coupled plasma optical emission spectrometry (ICP OES) method</i>	EN 16136	95
203	<i>Petroleum products – Determination of low concentration of sulfur in automotive fuels – Energy dispersive X-ray fluorescence spectrometric method</i>	EN ISO 13032, ISO 13032	55
204	<i>Automotive fuels – Determination of manganese content in unleaded petrol – Flame atomic absorption spectrometric method (FAAS)</i>	EN 16135	95
205	<i>Ethanol as a blending component for petrol - Determination of inorganic chloride and sulfate content – Ion chromatographic method</i>	EN 15492	85
206	<i>Automotive fuels – Determination of iodine value in fatty acid methyl ester (FAME) – Calculation method from gas chromatographic data</i>	EN 16300	100
207	<i>Liquid petroleum products – Determination of hydrocarbon types and oxygenates in automotive – motor gasoline – Multidimensional gas chromatography method</i>	EN ISO 22854 (supersedes EN 14517)	145
208	<i>Standard Test Method for Hydrocarbon Types, Oxygenated Compounds and Benzene in Spark Ignition Engine Fuels by Gas Chromatography</i>	ASTM D6839	145
209	<i>Determination of Asphaltenes (Heptane Insolubles) in Crude Petroleum and Petroleum Products</i>	ASTM D6560/ IP 143	100
210	<i>Determination of Additive Elements, Wear Metals, and Contaminants in Used Lubricating Oils and Determination of Selected Elements in Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES)</i>	ASTM D5185	200
211	<i>Standard Test Method for Total Nitrogen In Lubricating Oils and Fuel Oils By Modified Kjeldahl Method</i>	ASTM D3228	125
212	<i>Determination of cold filter plugging point - Linear cooling bath method</i>	EN ISO 16329	55

213	<i>Methods for Cone Penetration of Lubricating Grease</i>	ISO 2137 , ASTM D 217/IP 50	110
214	<i>Determination of manganese and iron content in diesel - Inductively coupled plasma optical emission spectrometry (ICP OES) method</i>	EN 16576	128
215	<i>Method for salts in crude oil (electrometric method)</i>	ASTM D3230 , IP 265	80
216	<i>Determination of colour - Lovibond tintometer method</i>	IP 17	80
217	<i>Determination of colour in Lovibond units – Automatic method</i>	IP 569	95
218	<i>Determination of vapour pressure by Reid method</i>	ASTM D323	90
219	<i>Determination of aluminium, silicon, vanadium, nickel, iron, calcium, zinc and sodium in residual fuel oil by ashing, fusion and atomic absorption spectrometry</i>	IP 470	220
220	<i>Method for Characteristic Groups in Rubber Extender and Processing Oil and Other Petroleum-Derived Oils by the Clay-Gel Adsorption Chromatographic Method</i>	ASTM D2007	195
221	<i>Method for Separation of Representative Aromatics and Nonaromatics Fractions of High-Boiling Oils by Elution Chromatography</i>	ASTM D2549	120
222	<i>Animal and vegetable fats and oils – Determination of polyethylene polymers</i>	ISO 6656	115
223	<i>Diesel engines – NOx reduction agent AUS 32</i> <i>Test methods :</i> - Urea content - Refractive index at 20 °C - Alkalinity as NH ₃ - Biuret content - Aldehyde content - Insoluble matter content - Phosphate content - Trace element content by ICP-OES : -- Aluminium -- Calcium -- Iron -- Copper -- Zinc -- Chromium -- Nickel -- Magnesium -- Sodium -- Potassium	ISO 22241-2	225 75 45 90 110 35 84 330
224	<i>Standard Test Method for Refractive Index and Refractive Dispersion of Hydrocarbon Liquids</i>	ASTM D1218	55
225	<i>Standard Test Method for Freezing Point of Aqueous Engine Coolants</i>	ASTM D1177	65
226	<i>Standard Test Methods for Detecting Glycol-Base Antifreeze in Used Lubricating Oils</i>	ASTM D2982	80
227	<i>Standard Test Method for Density or Relative Density of Engine Coolant Concentrates and Engine Coolants By The Hydrometer</i>	ASTM D1122	15
228	<i>Standard Test Method for Boiling Point of Engine Coolants</i>	ASTM D1120	55
229	<i>Standard Test Method for Percent Ash Content of Engine Coolants</i>	ASTM D1119	65

230	<i>Standard Test Methods for pH of Water</i>	ASTM D1293	45
231	<i>Standard Test Method for pH of Engine Coolants and Antirusts</i>	ASTM D1287	45
232	<i>Standard Test Method for Analysis of Engine Coolant for Chloride (Sulfate) and Other Anions by Ion Chromatography</i>	ASTM D5827	95
233	<i>Standard Test Methods for Water in Engine Coolant Concentrate by the Karl Fischer Reagent Method</i>	ASTM D1123	55
234	<i>Standard Test Method for Reserve Alkalinity of Engine Coolants and Antirusts</i>	ASTM D1121	50
235	<i>Standard Test Method for Trace Chloride Ion in Engine Coolants</i>	ASTM D3634	95
236	<i>Standard Test Method for Silicon in Engine Coolant Concentrates by Atomic Absorption Spectroscopy</i>	ASTM D6129	110
237	<i>Standard Test Method for Foaming Tendencies of Engine Coolants in Glassware</i>	ASTM D1881	55
238	<i>Standard Test Method for Determination of Silicon and Other Elements in Engine Coolant by Inductively Coupled Plasma-Atomic Emission Spectroscopy</i>	ASTM D6130	200
239	Etanooli ja vee lahuse tiheduse mõõtmine / <i>Determination of density of ethanol - water Solution</i>	EC määrus 2870/2000 / EC regulation No 2870/2000	25
240	<i>Method of determination the content of aromatic constituents in products with a distillation end point exceeding 315°C</i> Method A Method B	EC (2016/C 357/04) Ch 27 Annex A <i>Explanatory notes to the Combined Nomenclature of the European Union</i>	300 150
241	<i>Standard Test Methods for Electrical Conductivity and Resistivity of Water</i>	ASTM D1125	75
242	<i>Standard Test Method for Determination of Individual Components in Spark Ignition Engine Fuels by 100-Metre Capillary (with Precolumn) High-Resolution Gas Chromatography</i>	ASTM D6730 ASTM D6729	300
243	<i>Determination of components by infrared spectrometry</i>	AN/FTIR-ATR	200
244	<i>Determination of hydrocarbons in the waste water</i>	Gravimetric method	120
245	<i>Standard Test Method for Congealing Point of Petroleum Waxes, Including Petrolatum</i>	ASTM D938	75
246	Etanooli ja vee lahuse mahu mõõtmine / <i>Determination of volume of ethanol – water solution</i>	OIML R22	75
247	<i>Determination of low level metallicelements in vacuum gas oil/waxy distillates – Flame atomic absorption spectrophotometry (AAS) or inductively coupled plasma-emission spectrophotometry (ICP-ES) method</i>	IP 621 (IP PM CW:04)	200
248	<i>Standard Test Method for Determination of Organic Chloride Content in Crude Oil</i>	ASTM D4929(A)	65
249	<i>Chloride in Petroleum Distillates by Microcoulometry</i>	UOP 779	75
250	<i>Standard Test Method for Melting Point of Petroleum Wax (Cooling Curve)</i>	ASTM D87	55

251	<i>Standard Test Method for Oil Content of Petroleum Waxes</i>	ASTM D721	80
252	<i>Diene Value by Maleic Anhydride Addition Reaction</i>	UOP 326	65
253	<i>Standard Test Methods for Aniline Point and Mixed Aniline Point of Petroleum Products and Hydrocarbon Solvents</i>	ASTM D611	55

Täisanalüüside hinnakiri/ Full test pricelist			
No	Test	Method	Price (EUR)
1	Bensiini täisanalüüs / <i>Automotive fuels – Unleaded petrol (full test)</i>	EN 228	420
2	Diislikütuse täisanalüüs / <i>Automotive fuels – Diesel (full test)</i>	EN 590	420
3	Biodiislikütuse (FAME) täisanalüüs / <i>Fatty acid methyl esters (FAME) for use in diesel engines and heating applications (full test)</i>	EN 14214	500
4	Mootorikütused. Etanool mootoribensiini segukomponendina täisanalüüs / <i>Automotive fuels – Ethanol as a blending component for petrol (full test)</i>	EN 15376	550
5	Mootorikütused. Etanool (E85) täisanalüüs / <i>Ethanol (E85) automotive fuel (full test)</i>	CEN/TS 15293	550
6	Kerge ja raske kütteõli täisanalüüs / <i>Fuel oil (full test)</i>	Keskonnaministri määrus nr.45, 21.06.2013	640
7	Reaktiivkütus täisanalüüs / <i>Aviation Turbine Fuels - Jet (full test)</i>	DEF STAN 91-91, ASTM D1655	650
8	Lennukibensiin täisanalüüs / <i>Aviation Gasoline (full test)</i>	DEF STAN 91-90, ASTM D910	650
9	Vastavushindamine ja sertifikaadi väljastamine		200

Inspektsiooni hinnad/Inspection price list			
No	Test	Method	Price (EUR)
1	Koguste määramine/arvutamine / <i>Quantity measurement</i> Naftasaadused / <i>Petroleum products</i> Põlevkiviõli / <i>Shale oil</i> Rasvhepete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i> Vedelad tööstuslikud kemikaalid / <i>Liquid hydrocarbons</i>	API MPMS Ch.12.1.1. Calculation of Petroleum Quantities - Calculation of Static Petroleum Quantities - Upright Cylindrical Tanks and Marine Vessels. API MPMS Ch.12.1.2. Calculation of Petroleum Quantities - Calculation of Static Petroleum Quantities – Calculation Procedures for Tank Cars. API MPMS Chapter 11.1 – 2004 ASTM D1250-08; IP 200/08 Standard Guide for Use of the Petroleum Measurement Tables ASTM D1555M-08e1 Standard Test Method for Calculation of Volume and Weight of Industrial Aromatic Hydrocarbons and Cyclohexane [Metric]	55

2	<p>Sügavuste mõõtmine mahutites / <i>Gauging</i> Naftasaadused / <i>Petroleum Product</i> Põlevkiviõli / <i>Shale oil</i> Rasvhete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i> Vedelad tööstuskemikaalid / <i>Liquid hydrocarbons</i></p>	<p>API MPMS Ch.3.1A - Tank Gauging. Standard Practice for the Manual Gauging of Petroleum and Petroleum Product</p>	55
3	<p>Temperatuuri mõõtmine elektroonilise termomeetriga / <i>Static temperature determination using portable electronic thermometers</i> Naftasaadused / <i>Petroleum products</i> Põlevkiviõli / <i>Shale oil</i> Rasvhete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i> Vedelad tööstuskemikaalid / <i>Liquid hydrocarbons</i></p>	<p>API MPMS Ch.7. Temperature Determination. ISO 4268 Petroleum and liquid petroleum products - Temperature measurements - Manual method</p>	55
4	<p>Koguste mõõtmine raudtee mahutites / <i>Gauging in tank cars</i> Naftasaadused / <i>Petroleum products</i> Põlevkiviõli / <i>Shale oil</i> Rasvhete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i> Vedelad tööstuskemikaalid / <i>Liquid hydrocarbons</i></p>	<p>API MPMS Ch.3.2. Tank gauging. Standard Practice for Gauging Petroleum and Petroleum Products in Tank Cars. Таблицы калибровки железнодорожных цистерн / <i>Tables of calibration tank wagons.</i> Утв. Департ. Вагон. Хозяйства. МПС России 2003</p>	55
5	<p>Vedelike mahu ja massi mõõtmine autotsisternis / <i>Measurement of liquid mass and volume in road tanks</i></p>	<p>OIML R80 Edition 1989 (E) Road and rail tankers. Annex 1; Measurement of liquid mass and volume in road tanks.</p>	55
6	<p>Koguste määramine laevamahutites / <i>Quantity measurement on Board Tank Vessels</i> Naftasaadused / <i>Petroleum products</i> Põlevkiviõli / <i>Shale oil</i> Rasvhete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i> Vedelad tööstuskemikaalid / <i>Liquid hydrocarbons</i></p>	<p>API MPMS. Ch.17.2. Manual of Petroleum Measurement Standards. Marine Measurement. Measurement of Cargoes On Board Tank Vessels. API MPMS Ch.17.4. Manual of Petroleum Measurement Standards. Marine Measurement. Method for Quantification of Small Volumes on Marine Vessels (OBQ/ROB)</p>	490
7	<p>Nafta ja naftasaaduste mõõtmine arvestiga ja arvutus mahule 15°C juures / <i>Calculation of Petroleum Quantities Using Dynamic Measurement Methods</i></p>	<p>API MPMS : Ch. 5, Ch.12.2.1 , Ch.12.2.2 , Ch.13.2; EVS-EN ISO 4267-2</p>	0,15/m ³
8	<p>Kauba massi mõõtmine kaalumiseega / <i>Mass measurement by weighing</i></p>	<p>EVS 745 Kauba ja materjali massi mõõtmine kaalumiseega. Mõõtemetoodika / <i>Goods and materials mass measurement by weighing. Measurement method</i></p>	300

9	Proovivõtmine / <i>Sampling</i> Naftasaadused / <i>Petroleum products</i> Vedelad tööstuskemikaalid / <i>Liquid hydrocarbons</i> Rasvhepete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Põlevkiviõli / <i>Shale oil</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i>	API MPMS Ch.8.1. Standard Practice for Manual Sampling of Petroleum and Petroleum Products. EN ISO 3170 Petroleum liquids - Manual sampling. ASTM D4057 Petroleum and petroleum products. Manual sampling. EN 14275 Automotive fuels – Assessment of petrol and diesel fuel quality – Sampling from retail site pumps and commercial site fuel dispensers. EN ISO 5555 Animal and vegetable fats and oils – Sampling	15
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Lisainfo:

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