

T007, Alko Oy, Alkoholintarkastuslaboratorio (ACL) / Alko Inc., Alcohol Control Laboratory (ACL)

Toimipisteet

Toimipisteen nimi	Katuosoite	Postinumero	Postitoimipaikka	Maa	Toimipisteen lyhenne
Alko Oy Alkoholintarkastuslaborat orio (ACL)	Arkadiankatu 2	00100	Helsinki	Suomi	ACL

Akkreditoitu pätevyysalue

Elintarviketestaus/Kemia/Entsymbaattiset menetelmät

Testattava materiaali / tuote	Testattava komponentti / parametri / ominaisuus	Testausmenetelmä / standardi / tekniikka	Toimipiste
Viini, miedot alkoholijuomat	Sitruunahappo	Sisäinen menetelmä M-246 (perustuu OIV MA-AS313 09:R2009)	ACL
Viini	Kokonaissokeri (glukoosi, fruktoosi, sakkaroosi)	Sisäinen menetelmä M-257 (perustuu OIV MA-AS-311-02:R2009)	ACL
Alkoholittomat juomat, miedot alkoholijuomat	Kokonaisrikkidioksidi	Sisäinen menetelmä M-270	ACL

Elintarviketestaus/Kemia/Gravimetriset menetelmät

Testattava materiaali / tuote	Testattava komponentti / parametri / ominaisuus	Testausmenetelmä / standardi / tekniikka	Toimipiste
Alkoholi-vesiseos, alkoholittomat juomat, miedot alkoholijuomat, alkoholijuomien raaka-aineet	Alkoholi	Sisäinen menetelmä M-214 (perustuu Analytica-EBC, 9.2.1 (2008), OIV MA-AS-312 01A:R2021)	ACL
Alkoholi-vesiseos, alkoholittomat juomat, alkoholijuomat, alkoholijuomien raaka-aineet, väkiviina	Alkoholi	Sisäinen menetelmä M-215 (perustuu Analytica-EBC, 9.2.1 (2008), OIV MA-AS-312-01A:R2021, (EY) 2870/2000:I)	ACL
Viini	Uutos	Sisäinen menetelmä M-220 (perustuu OIV MA-AS-2-03B:R2012)	ACL
Alkoholittomat juomat, alkoholijuomat, alkoholijuomien raaka-aineet	Uutospitoisuus	Sisäinen menetelmä M-217 (perustuu AOAC 940.09)	ACL
Alkoholijuomat, alkoholijuomien raaka-aineet	Uutospitoisuus	Sisäinen menetelmä M-234	ACL
Alkoholi-vesiseos, alkoholittomat juomat, alkoholijuomat, alkoholijuomien raaka-aineet, alkoholipitoiset nesteet	Tiheys ja ominaispaino	Sisäinen menetelmä M-219, pyknometrinen menetelmä tai elektronisella tiheysmittarilla tehtävä määrittäys (perustuu OIV MA-AS-2-01A:R2021, (EY) 2870/2000)	ACL
Olut	Uutepitoisuus, näennäinen, Kantavierreväkevyys, Uutepitoisuus, todellinen, Käymisaste, näennäinen, Käymisaste, todellinen	Sisäinen menetelmä M-301, pyknometrinen menetelmä tai elektroninen tiheysmittari	ACL

Elintarviketestaus/Kemia/Kaasukromatografiset menetelmät

Testattava materiaali / tuote	Testattava komponentti / parametri / ominaisuus	Testausmenetelmä / standardi / tekniikka	Toimipiste
Alkoholijuomien raaka-aineet	Metanoli	Sisäinen menetelmä M-267	ACL

Materiaali- ja tuotetestaus/Kemia/Muut menetelmät

Testattava materiaali / tuote	Testattava komponentti / parametri / ominaisuus	Testausmenetelmä / standardi / tekniikka	Toimipiste
Alkoholijuomien raaka-aineet	pH	Sisäinen menetelmä M-205 (perustuu OIV MA-AS-313 15:R2011 Analytica EBC, 9.35 (2004))	ACL

Materiaali- ja tuotetestaus/Kemia/Nestekromatografiset menetelmät

Testattava materiaali / tuote	Testattava komponentti / parametri / ominaisuus	Testausmenetelmä / standardi / tekniikka	Toimipiste
Alkoholijuomien raaka-aineet	Kokonaissokeri (glukoosi, fruktoosi, sakkaroosi)	Sisäinen menetelmä M-228	ACL
Alkoholijuomien raaka-aineet	Sorbiinihappo (sorbaatti)	Sisäinen menetelmä M-225	ACL

Materiaali- ja tuotetestaus/Kemia/Titrimetriset menetelmät

Testattava materiaali / tuote	Testattava komponentti / parametri / ominaisuus	Testausmenetelmä / standardi / tekniikka	Toimipiste
Alkoholijuomien raaka-aineet	Kokonaishapot viinihappona	Sisäinen menetelmä M-204 (perustuu OIV MA-AS-313 01:R2015)	ACL

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Sites

Site name	Street address	Postalcode	City	Country	Site short name
Alko Oy Alkoholintarkastuslaborat orio (ACL)	Arkadiankatu 2	00100	Helsinki	Finland	ACL

Accreditation scope

Testing of food/Chemistry/Enzymatic methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Wine, mild alcoholic beverages	Citric acid	In-house method M-246 (based on OIV MA-AS313-09:R2009)	ACL
Wine	Total sugars (glucose, fructose, sucrose)	In-house method M-257 (based on OIV MA-AS-311-02:R2009)	ACL
Alcohol-free beverages, mild alcoholic beverages	Total sulphur dioxide	In-house method M-270	ACL

Testing of food/Chemistry/Gravimetric methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Alcohol-water mixture, alcohol-free beverages, mild alcoholic beverages, raw materials of alcoholic beverages	Alcohol	In-house method M-214 (based on Analytica-EBC, 9.2.1 (2008), OIV MA-AS-312-01A:R2021)	ACL
Alcohol-water mixture, alcohol-free beverages, alcoholic beverages, raw materials of beverages, neutral alcohol	Alcohol	In-house method M-215 (based on Analytica-EBC, 9.2.1 (2008), OIV MA-AS-312-01A:R2021, (EC) 2870/2000:I)	ACL
Wine	Extract	In-house method M-220 (based on OIV MA-AS-2-03B:R2012)	ACL
Alcohol-free beverages, alcoholic beverages, raw materials of beverages	Dry extract	In-house method M-217 (based on AOAC 940.09)	ACL
Alcoholic beverages, raw materials of beverages	Dry extract	In-house method M-234	ACL
Alcohol-water mixture, alcohol-free beverages, alcoholic beverages, raw materials of beverages, alcohol containing liquids	Density and specific gravity	In-house method M-219, pycnometric method or determination by electronic density meter (based on OIV MA-AS-2-01A:R2021, (EC) 2870/2000)	ACL
Beer	Apparent extract, Original extract, Real extract, Apparent degree of fermentation, Real degree of fermentation	In-house method M-301, pycnometric method or electronic density meter	ACL

Testing of food/Chemistry/Gas chromatographic methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Neutral alcohol, alcoholic beverages, raw materials of alcoholic beverages	Methanol	In-house method M-267	ACL

Testing of food/Chemistry/Ohter methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Beer, wine, alcohol-free drinks, mild alcoholic beverages, raw materials of alcoholic beverages	pH	In-house method M-205 (based on OIV MA-AS-313-15:R2011 Analytica EBC, 9.35 (2004))	ACL
Wine and sparkling wine	Density, Specific gravity, Alcohol, Total alcohol, Extract, pH, Total acidity as tartaric acid, Volatile acids, Fructose, Glucose, Glucose+Fructose, Free sulphur dioxide, Total sulphur dioxide	In-house method M-218, FTIR automatic analyser	ACL
Beer	Density, Specific gravity, Alcohol, Original extract, Apparent extract, Real Extract, Apparent degree of fermentation, Real degree of fermentation	In-house method M-268, electronic density meter, NIR	ACL
Cider, Mild alcoholic drink beverages	Density, Specific gravity, Alcohol	In-house method M-268, electronic density meter, NIR	ACL

Testing of food/Chemistry/Liquid chromatographic methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Alcohol containing liquids	Total sugars (glucose, fructose, maltose, sucrose)	In-house method M-603	ACL
Alcohol-free beverages, alcoholic beverages, raw materials of beverages, alcohol containing liquids	Total sugars (glucose, fructose, maltose, sucrose)	In-house method M-228	ACL
Wine, alcohol-free beverages, mild alcoholic beverages, raw materials of beverages	Sorbic acid (sorbate)	In-house method M-225	ACL

Testing of food/Chemistry/Spectrophotometric methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Beer	Bitterness	In-house method M-304 (based on Analytica-EBC, 9.8 (2004))	ACL

Testing of food/Chemistry/Titrimetric methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Wine	Volatile acidity	In-house method M-202 (based on OIV MA-AS-313-02:R2015)	ACL
Wine, alcohol-free beverages, mild alcoholic beverages, raw materials of beverages	Total acidity as tartaric acid	In-house method M-204 (based on OIV MA-AS-313-01:R2015)	ACL
Alcoholic beverages	Total sulphur dioxide	In-house method M-264 (based on OIV MA-AS-323-04A:R2021, Analytica EBC 9.25.1 (1997)	ACL
Wine, mild alcoholic beverages	Free sulphur dioxide	In-house method M-211 OIV MA-AS-323-04B:R2009)	ACL

Material and product testing/Chemistry/Gravimetric methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Raw materials of alcoholic beverages	Alcohol	In-house method M-214 (based on Analytica-EBC, 9.2.1 (2008), OIV MA-AS-312-01A:R2021	ACL
Raw materials of beverages	Alcohol	In-house method M-215 (based on Analytica-EBC, 9.2.1 (2008), OIV MA-AS-312-01A:R2021, (EC) 2870/2000:I)	ACL
Raw materials of beverages	Dry extract	In-house method M-217 (based on AOAC 940.09)	ACL
Raw materials of beverages	Dry extract	In-house method M-234	ACL

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Raw materials of beverages	Density and specific gravity	In-house method M-219, pycnometric method or determination by electronic density meter (based on OIV MA-AS-2-01A:R2021, (EC) 2870/2000)	ACL

Material and product testing/Chemistry/Gas chromatographic methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Raw materials of alcoholic beverages	Methanol	In-house method M-267	ACL

Material and product testing/Chemistry/Other methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Raw materials of alcoholic beverages	pH	In-house method M-205 (based on OIV MA-AS-313-15:R2011 Analytica EBC, 9.35 (2004))	ACL

Material and product testing/Chemistry/Liquid chromatographic methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Raw materials of alcoholic beverages	Total sugars (glucose, fructose, sucrose)	In-house method M-228	ACL
Raw materials of beverages	Sorbic acid (sorbate)	In-house method M-225	ACL

Material and product testing/Chemistry/Titrimetric methods

Material / product tested	Component / parameter / characteristic tested	Test method / standard specification / techniques	Site
Raw materials of alcoholic beverages	Total acidity as tartaric acid	In-house method M-204 (based on OIV MA-AS-313-01:R2015)	ACL