



PRODUCTS | APPLICATIONS | SUPPORT



Lumex Instruments

BEVERAGES

List of standards (ISO, ASTM, EN, EPA etc.) for MGA spectrometers

Standard No	Title
ISO 5961:1994 EN ISO 5961:1995	Water quality – Determination of cadmium by atomic absorption spectrometry
ISO 6561-1:2005	Fruits, vegetables and derived products – Determination of cadmium content – Part 1: Method using graphite furnace atomic absorption spectrometry
ISO 6633:1984	Fruits, vegetables and derived products – Determination of lead content – Flameless atomic absorption spectrometric method
ISO 6637:1984*	Fruits, vegetables and derived products – Determination of mercury content – Flameless atomic absorption method
ISO/TS 6733:2006 (IDF/RM 133:2006)	Milk and milk products – Determination of lead content – Graphite furnace atomic absorption spectrometric method
ISO 9174:1998	Water quality – Determination of chromium – Atomic absorption spectrometric methods
ISO 12020:1997 EN ISO 12020:2000	Water quality – Determination of aluminium – Atomic absorption spectrometric methods
ISO 15586:2003 EN ISO 15586:2003	Water quality – Determination of trace elements using atomic absorption spectrometry with graphite furnace
ISO 17239:2004*	Fruits, vegetables and derived products – Determination of arsenic content – Method using hydride generation atomic absorption spectrometry
ISO 17378-2:2014*	Water quality – Determination of arsenic and antimony – Part 2: Method using hydride generation atomic absorption spectrometry (HG-AAS)
ISO/TS 17379-2:2013*	Water quality – Determination of selenium – Part 2: Method using hydride generation atomic absorption spectrometry (HG-AAS)
ASTM D1068-15	Standard test methods for iron in water
ASTM D1687-12	Standard test methods for chromium in water
ASTM D1886-14	Standard test methods for nickel in water
ASTM D1688-12	Standard test methods for copper in water
ASTM D3557-12	Standard test methods for cadmium in water
ASTM D3558-15	Standard test methods for cobalt in water
ASTM D3559-15	Standard test methods for lead in water
ASTM D3373-12	Standard test method for vanadium in water
ASTM D3559-15	Standard test methods for lead in water
ASTM D3645-15	Standard test methods for beryllium in water
ASTM D3859-15	Standard test methods for selenium in water
ASTM D3866-12	Standard test methods for silver in water
ASTM D3919-15	Standard practice for measuring trace elements in water by graphite furnace atomic absorption spectrophotometry
ASTM D4382-12	Standard test method for barium in water, atomic absorption spectrophotometry, graphite furnace

EN 1233:1996	Water quality – Determination of chromium – Atomic absorption spectrometric methods
EPA Method 200.9	Trace elements by stabilized temperature graphite furnace atomic absorption spectrometry, Revision 2.2
EPA Method 231.2	Gold , atomic absorption, furnace technique
EPA Method 235.2	Iridium , atomic absorption, furnace technique
EPA Method 245.1*	Mercury in water by cold vapor atomic absorption spectrometry, Revision 3.0
EPA Method 252.2	Osmium , atomic absorption, furnace technique
EPA Method 253.2	Palladium , atomic absorption, furnace technique
EPA Method 255.2	Platinum , atomic absorption, furnace technique
EPA Method 265.2	Rhodium , atomic absorption, furnace technique
EPA Method 267.2	Ruthenium , atomic absorption, furnace technique
EPA Method 279.2	Thallium , atomic absorption, furnace technique
EPA Method 283.2	Titanium , atomic absorption, furnace technique
EPA Method 289.2	Zinc , atomic absorption, furnace technique
APHA / AWWA / WEF Standard Method 3112*	Metals by cold-vapor atomic absorption spectrometry
APHA / AWWA / WEF Standard Method 3113	Metals by electrothermal atomic absorption spectrometry
APHA / AWWA / WEF Standard Method 3114B*	Arsenic and selenium by hydride generation/atomic absorption spectrometry
OIV-MA-AS322-10: R2009	Cadmium
OIV-MA-AS322-12: R2006	Lead (criteria for methods)
OIV-MA-AS323-01B: R2009*	Arsenic (AAS)
OIV-MA-F1-10:2012	Specific methods for the analysis of grape sugar: heavy metal by ETAAS
OIV-MA-BS-32: R2009	Determination of lead by flameless atomic absorption
ASBC Beer 42	ASBC methods of analysis. Beer 42: Aluminum by graphite furnace atomic absorption spectrophotometry

* with RGP-915 hydride generation system.

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Lumex Instruments Canada
0890278 B.C. Ltd.
Unit 207, 31510 Gill Ave., Mission,
B.C., V4S0A1, Canada
Toll free: +1 866-233-6057
Phone: +1 709-570-7538
E-mail:
info@lumexinstruments.com
www.lumexinstruments.com

Lumex Analytics GmbH
Naher str., 8
24558 Wakendorf II, Germany
Tel.: +49 (0) 4535 297-756
Fax: +49 (0) 4535 297-783
E-mail:
info@lumexanalytics.de
www.lumexanalytics.de

Lumex-Marketing LLC
pr. Obukhovskoy Oborony, 70, bldg.
2, St. Petersburg 192029, Russia
Tel.: +7 (812) 718-5390
Fax: +7 (812) 718-5399
E-mail: sales@lumex.ru
Post address:
BOX 1234, St. Petersburg, 190000,
Russia
www.lumex.ru

Beijing Lumex Analytical Equipment Co. Ltd.
Room 902, Building A Zhichun
Building, No.118 Zhichun Road,
Haidian District, Beijing,
100086, PR China
Tel.: +86 (10) 6412-9525
Fax: +86 (10) 6242-3844
E-mail: lumex@lumex.com.cn
www.lumexcn.com