



PRODUCTS | APPLICATIONS | SUPPORT



Lumex Instruments

AGRICULTURE

List of standards (ISO, EN) for MGA spectrometers

Standard No	Title
ISO 11047:1998	Soil quality – Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc – Flame and electrothermal atomic absorption spectrometric methods
ISO/TS 17073:2013	Soil quality – Determination of trace elements in aqua regia and nitric acid digests – Graphite furnace atomic absorption spectrometry method (GFAAS)
ISO 20279:2005	Soil quality – Extraction of thallium and determination by electrothermal atomic absorption spectrometry
ISO 20280:2007*	Soil quality – Determination of arsenic, antimony and selenium in aqua regia soil extracts with electrothermal or hydride-generation atomic absorption spectrometry
EN 16159:2012*	Animal feeding stuffs – Determination of selenium by hydride generation atomic absorption spectrometry (HGAAS) after microwave digestion (digestion with 65 % nitric acid and 30 % hydrogen peroxide)
CEN/TS 16172:2013	Sludge, treated biowaste and soil – Determination of elements using graphite furnace atomic absorption spectrometry (GF-AAS)
EN 16206:2012*	Animal feeding stuffs – Determination of arsenic by hydride generation atomic absorption spectrometry (HGAAS) after microwave pressure digestion (digestion with 65 % nitric acid and 30 % hydrogen peroxide)
EN 16277:2012*	Animal feeding stuffs – Determination of mercury by cold-vapour atomic absorption spectrometry (CVAAS) after microwave pressure digestion (extraction with 65 % nitric acid and 30 % hydrogen peroxide)
EN 16278:2012*	Animal feeding stuffs – Determination of inorganic arsenic by hydride generation atomic absorption spectrometry (HG-AAS) after microwave extraction and separation by solid phase extraction (SPE)
EN 16320:2013*	Fertilizers – Determination of trace elements – Determination of mercury by vapour generation (VG) after aqua regia dissolution

* with RGP-915 hydride generation system.

See also «**FOOD**» list of standards.

Updated: 12/15/2016

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