

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-20048-01-00 according to DIN EN ISO/IEC 17025:2005

Period of validity: 27.11.2017 to 13.07.2020

Date of issue: 27.11.2017

Holder of certificate:

Azersun Holding Ltd
Testing Laboratory
Heydar Aliyev ave. 92, Baku City, Azerbaijan

Tests in the fields:

selected physical, physico-chemical analyses of fruit and vegetable products and of animal and vegetable fats and oils; selected microbiological analyses of food and animal feeding stuffs

Abbreviations used: see last page

1 Selected physical, physico-chemical analyses of fruit and vegetable products

1.1 Determination of arsenic and mercury in fruit and vegetable products using atomic absorption spectrometry

GOST 31671-2012
(EN 13805:2002)
2012-10 Foodstuffs. Determination of trace elements; Preparation of samples by pressure digestion (ISO 13805:2002, MOD)
(here only in fruit and vegetable products)

EN 13806
2002-11 Foodstuffs; Determination of trace elements;
Determination of mercury by cold-vapour atomic absorption spectrometry (CVAAS) after pressure digestion
(here only in fruit and vegetable products)

EN 14627
2005-07 Foodstuffs; Determination of trace elements; Determination of total arsenic and selenium by hydride generation atomic absorption spectrometry (HGAAS) after pressure digestion
(here only for the determination of total arsenic in fruit and vegetable products)

ISO 6561-2
2005-02 Fruits, vegetable and derived products. Determination of cadmium content –
Method using flame atomic absorption

1.2 Determination of titratable acidity, pH and soluble solids (refractometric method) in fruit and vegetable products

ISO 750
1998-08 Fruit and vegetable products; Determination of titratable acidity

ISO 1842
1991-12 Fruit and vegetable products; Determination of pH

ISO 2173
2003-12 Fruit and vegetable products; Determination of soluble solids –
Refractometric method
(Modification: *Use of an automatic refractometer with temperature compensation*)

1.3 Determination of free fatty acid content, peroxide value, refractive index, volatiles and moisture in fats and oils

ISO 660
2009-06 Animal and vegetable fats and oils; Determination of acid value and acidity

ISO 662
1998-09 Animal and vegetable fats and oils; Determination of moisture and volatile matter content

ISO 663
2007-03 Animal and vegetable fats and oils; Determination of insoluble impurities content

ISO 3960
2007-07 Animal and vegetable fats and oils; Determination of peroxide value - Jodometric (visual) endpoint determination

ISO 6320
2000-03 Animal and vegetable fats and oils; Determination of refractive index

GOST 31665-2012
2013-12 Vegetable oils and animal fats. Preparation of methyl esters of fatty acids (ISO 12966-2:2011, NEQ)

ISO 12966-4
2015-06 Animal and vegetable fats and oils –
Gas chromatography of fatty acid methyl esters –
Part 4: Determination by capillary gas chromatography

1.4 Determination of pH in water

ISO 10523
2008-12

Water quality –
Determination of pH

2 Selected microbiological analyses of food and animal feeding stuffs

ISO 4833
2013-12

Microbiology of food and animal feeding stuffs –
Horizontal method for the enumeration of microorganisms –
Colony-count technique at 30°C

ISO 21527-1
2008-07

Microbiology of food and animal feeding stuffs –
Horizontal method for the enumeration of yeasts and moulds –
Colony count technique in products with water activity greater
than 0,95

ISO 4832
2006-02

Microbiology of food and animal feeding stuffs –
Horizontal method for the enumeration of coliforms –
Colony-count technique

Abbreviations used:

DIN Deutsches Institut für Normung e. V.
(German Institute for Standardization)

EN Europäische Norm (European Standard)

GOST State Standard

IEC International Electrotechnical Commission

ISO International Organization for Standardization