

ACCREDITATION CERTIFICATE

No. LA.165-01-1

Lithuanian National Accreditation Bureau hereby certifies that

complies with the requirements of

**JSC “SGS Klaipeda Ltd” NR Minerals
laboratory**

LST EN ISO/IEC 17025:2018

legal entity: Uždaroji akcinė bendrovė "SGS KLAIPĖDA LTD"
legal entity code: 111432261

and is competent to perform:

testing of fertilizers and solid biofuel

The scope of accreditation below is an integral part of this certificate. Locations of the conformity assessment body are specified in the scope of accreditation

Initial accreditation date: **2021-12-28**

Certificate issued / valid since: **2024-05-03**

Version of: **2025-10-23**

Expiry date: **2026-12-27**

Deputy Director, acting as Director


TADAS JUODELIS

The certificate may be changed, its validity suspended or withdrawn by the decision of the National Accreditation Bureau. Information on the actual data of accreditation certificates may be verified at nab.lrv.lt



SCOPE OF ACREDITATION

JSC “SGS Klaipeda Ltd” NR Minerals laboratory, accredited in accordance with **LST EN ISO/IEC 17025:2018**

Location of the conformity assessment body

Silutes str. 119, LT-95112 Klaipeda

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used (where appropriate)
Inorganic fertilizers	Nitrate and ammoniacal nitrogen content	LST EN 15476:2009	Titrimetry
	Ammoniacal nitrogen content	LST EN 15475:2009	Titrimetry
	Nitric nitrogen content	DI-040:2023	Calculation method
	Ureic nitrogen content	LST EN 15604:2009	Gravimetry
	Content of total nitrogen in Urea	LST EN 15478:2009	Gravimetry
	Content of total nitrogen	LST EN 15750:2010 A method	Titrimetry
	Content of phosphorus soluble in mineral acids	LST EN 15956:2011 LST EN 15959:2024	Gravimetry
	Content of water-soluble phosphorus	LST EN 15958:2012 LST EN 15959:2024	Gravimetry
	Content of phosphorus soluble in neutral ammonium citrate	LST EN 15957:2011 LST EN 15959:2024	Gravimetry
	Water-soluble potassium content	LST EN 15477:2009	Gravimetry
	Total Sulphur content	LST EN 15960:2012 LST EN 15749:2022 method A	Gravimetry
	Biuret content	LST EN 15479:2009	Spectrophotometry
	Sieve test	ISO 8397:1988	Sieving method, gravimetry
	Moisture content	GOST 20851.4-75 method 1	Gravimetry
	Chlorides (Cl ⁻)	DI-001:2023	Potentiometry
	Water-soluble sulphur content	LST EN 15961:2017 LST EN 15749:2022 method A	Gravimetry

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used (where appropriate)
Solid biofuel	Total calcium content	LST EN 15960:2012 LST EN 16196:2013	Titrimetry
	Content of elements (As, Al, B, Cd, Ca, Cr, Co, Cu, Hg, Fe, Na, Pb, Mg, Mn, Mo, Ni, Se, Zn)	AOAC 2017.02:2018	Inductively coupled plasma-optical emission spectrometry (ICP OES)
	Content of major elements (Al, Ca, Fe, Mg, P, Si, Na, Ti)	ISO 16967:2015	Inductively coupled plasma-optical emission spectrometry (ICP OES)
	Content of minor elements (As, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, V, Zn)	ISO 16968:2015	Inductively coupled plasma-optical emission spectrometry (ICP OES)

Note. In case of any discrepancies, ambiguities or disputes regarding the subject matter content between the English and Lithuanian versions of the document, the Lithuanian version shall prevail.

The accreditation certificate is signed with a qualified electronic signature as an attachment to the order of the Director of the National Accreditation Bureau, by which it was approved