

Date
2025-06-23

Reference
2024/1347

Scope of accreditation

Testing according to SS-EN ISO/IEC 17025:2018

Sýni ehf
Kópavogur

Kópavogur

Accreditation number

1701
A000173-001

Chemical analysis

Technical area	Parameter	Method	Technique	Measure	Material
Food analysis	Ash content	ISO 5984:2022		0,1 – 99 %	Complex products
				0,1 – 99 %	Feed
				0,1 – 99 %	Fish and shellfish
				0,1 – 99 %	Meat and egg
				0,1 – 99 %	Milk
				0,1 – 99 %	Vegetable products
	Chloride (salt)	AOAC 976.18 (2005)		0,6 - 600 g/kg	Complex products
				0,6 - 600 g/kg	Feed
				0,6 - 600 g/kg	Fish and shellfish
				0,6 - 600 g/kg	Meat and egg
				0,6 - 600 g/kg	Milk
				0,6 - 600 g/kg	Vegetable products
	Dry matter	ISO 6496:1999		0,1 – 99 %	Complex products
				0,1 – 99 %	Feed
				0,1 – 99 %	Fish and shellfish
				0,1 – 99 %	Meat and egg
				0,1 – 99 %	Milk
				0,1 – 99 %	Vegetable products

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<i>Technical area</i>	<i>Parameter</i>	<i>Method</i>	<i>Technique</i>	<i>Measure</i>	<i>Material</i>
Food analysis	Fat	AOCS Method Ba 3-38:2022		0,1 – 99%	Complex products
				0,1 – 99%	Feed
				0,1 – 99%	Fish and shellfish
				0,1 – 99%	Meat and egg
				0,1 – 99%	Milk
				0,1 – 99%	Vegetable products
		ISO 1443:1973		0,1 – 99 %	Complex products
				0,1 – 99 %	Feed
				0,1 – 99 %	Fish and shellfish
				0,1 – 99 %	Meat and egg
				0,1 – 99 %	Milk
				0,1 – 99 %	Vegetable products
	Nitrogen, N (protein)	ISO 5983-1:2005/AC 1:2009		0,016 - 16 %	Complex products
				0,016 - 16 %	Feed
				0,016 - 16 %	Fish and shellfish
				0,016 - 16 %	Meat and egg
				0,016 - 16 %	Milk
				0,016 - 16 %	Vegetable products
Water analysis	Chemical oxygen demand, COD-Cr	Hach Method 8000	Photometry	20-1000 mg/l	Waste water/Leach water
			Photometry	3-150 mg/l	Waste water/Leach water
	Nitrogen, total	Hach Method 10071	Photometry	0,5-25 mg/l	Waste water/Leach water
	Phosphorous, total	Hach Method 81990 PhosVer 3	Photometry	0,1-1,10 mg/l	Waste water/Leach water
	Suspended solids	EN 872:2005	Filtration	2-400 mg/l	Waste water/Leach water

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Microbiological analysis

<i>Technical area</i>	<i>Parameter</i>	<i>Method</i>	<i>Technique</i>	<i>Measure</i>	<i>Material</i>
Food analysis	Aerobic microorganisms	NMKL 86, 2013			Feed
					Food
	Anaerobic sulfide reducing clostridia	NMKL 56, 2015			Food
	Campylobacter spp	EN ISO 10272-1:2017			Animal excrement
	Clostridium perfringens	NMKL 95, 2009			Food
	Coagulase positive staphylococci	NMKL 66, 2009			Food
	Coliform bacteria	ISO 4831:2006			Feed
					Food
	Enterobacteriaceae	NMKL 144, 2005			Feed
					Food
	Listeria, qualitative	SureTectTM Listeria species PCR Assay, UNI 03/09-11/13	PCR		Feed
			PCR		Food
	Moulds and yeasts	NMKL 98, 2005			Feed
					Food
	Presumptive Bacillus cereus	NMKL 67, 2021			Food
	Presumptive Escherichia coli	ISO 7251:2005			Feed
					Food
	Salmonella	SureTectTM Salmonella species PCR Assay, UNI 03/07-11/13	PCR		Feed
			PCR		Food
	Salmonella, qualitative	NMKL 187, 2016			Animal excrement
					Environmental test
	Thermotolerant Campylobacter	NMKL 119, 2007			Feed
					Food

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Microbiological analysis

<i>Technical area</i>	<i>Parameter</i>	<i>Method</i>	<i>Technique</i>	<i>Measure</i>	<i>Material</i>
Food analysis	Thermotolerant coliform bacteria	NMKL 96, 2009			Fish and shellfish
Water analysis	Coliform bacteria	ISO 9308-1:2014			Drinking water
					Fresh water
					Sea water
					Waste water/Leach water
	Escherichia coli	ISO 9308-1:2014			Drinking water
					Fresh water
					Sea water
					Waste water/Leach water
	Intestinal enterococci	ISO 7899-2:2000			Drinking water
					Fresh water
					Sea water
					Waste water/Leach water
	Pseudomonas aeruginosa	EN-ISO 16266:2008			Drinking water
					Fresh water
	Total count of culturable micro-organisms 22°C, 3 days	ISO 6222:1999			Drinking water
					Fresh water
					Sea water
	Total count of culturable micro-organisms 36°C, 2 days	ISO 6222:1999			Drinking water
					Fresh water
					Sea water

Changes in the scope of accreditation are in bold.