

Date

Reference

2024-01-12

2022/2519

Scope of accreditation

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

Sýni ehf Kópavogur Accreditation number 1701
 Kópavogur *A000173-001*

Chemical analysis

<i>Technical area</i>	<i>Parameter</i>	<i>Method</i>	<i>Technique</i>	<i>Measure</i>	<i>Material</i>	<i>Field</i>
Food analysis	Ash content	ISO 5984:2022		0,1 – 99 %	Complex products	No
				0,1 – 99 %	Feed	No
				0,1 – 99 %	Fish and shellfish	No
				0,1 – 99 %	Meat and egg	No
				0,1 – 99 %	Milk	No
				0,1 – 99 %	Vegetable products	No
	Chloride (salt)	AOAC 976.18 (2005)		0,6 - 600 g/kg	Complex products	No
				0,6 - 600 g/kg	Feed	No
				0,6 - 600 g/kg	Fish and shellfish	No
				0,6 - 600 g/kg	Meat and egg	No
				0,6 - 600 g/kg	Milk	No
				0,6 - 600 g/kg	Vegetable products	No
	Dry matter	ISO 6496:1999		0,1 – 99 %	Complex products	No
				0,1 – 99 %	Feed	No
				0,1 – 99 %	Fish and shellfish	No
				0,1 – 99 %	Meat and egg	No
				0,1 – 99 %	Milk	No
				0,1 – 99 %	Vegetable products	No

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Food analysis	Fat	AOCS B Method Ba 3-38:2022		0,1 – 99%	Complex products	No	
				0,1 – 99%	Feed	No	
				0,1 – 99%	Fish and shellfish	No	
				0,1 – 99%	Meat and egg	No	
				0,1 – 99%	Milk	No	
				0,1 – 99%	Vegetable products	No	
			ISO 1443:1973		0,1 – 99 %	Complex products	No
				0,1 – 99 %	Feed	No	
				0,1 – 99 %	Fish and shellfish	No	
				0,1 – 99 %	Meat and egg	No	
				0,1 – 99 %	Milk	No	
				0,1 – 99 %	Vegetable products	No	
		Nitrogen, N (protein)	ISO 5983-1:2005/AC 1:2009		0,016 - 16 %	Complex products	No
				0,016 - 16 %	Feed	No	
				0,016 - 16 %	Fish and shellfish	No	
	0,016 - 16 %			Meat and egg	No		
	0,016 - 16 %			Milk	No		
	0,016 - 16 %			Vegetable products	No		
Water analysis	Chemical oxygen demand, COD-Cr	Hach Method 8000	Photometry	20-1000 mg/l	Waste water/Leach water	No	
			Photometry	3-150 mg/l	Waste water/Leach water	No	
	Nitrogen, total	Hach Method 10071	Photometry	0,5-25 mg/l	Waste water/Leach water	No	
	Phosphorous, total	Hach Method 8180 PhosVer 3	Photometry	0,1-1,10 mg/l	Waste water/Leach water	No	
	Suspended solids	EN 872:2005	Filtration	2-400 mg/l	Waste water/Leach water	No	

Microbiological analysis

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<i>Technical area</i>	<i>Parameter</i>	<i>Method</i>	<i>Technique</i>	<i>Measure</i>	<i>Material</i>	<i>Field</i>
Food analysis	Aerobic microorganisms	NMKL 86, 2013			Feed	No
					Food	No
	Anaerobic sulfide reducing bacteria	NMKL 56, 2015			Food	No
	Campylobacter spp	EN ISO 10272-1:2017			Animal excrement	No
	Clostridium perfringens	NMKL 95, 2009			Food	No
	Coagulase positive staphylococci	NMKL 66, 2009			Food	No
	Coliform bacteria	ISO 4831:2006			Feed	No
					Food	No
	Enterobacteriaceae	NMKL 144, 2005			Feed	No
					Food	No
	Listeria, qualitative	SureTect™ Listeria species PCR Assay, UNI 03/09-11/13	PCR		Feed	No
			PCR		Food	No
	Moulds and yeasts	NMKL 98, 2005			Feed	No
					Food	No
	Presumptive Bacillus cereus	NMKL 67, 2021			Food	No
	Presumptive Escherichia coli	ISO 7251:2005			Feed	No
					Food	No
	Salmonella	SureTect™ Salmonella species PCR Assay, UNI 03/07-11/13	PCR		Feed	No
			PCR		Food	No
	Salmonella, qualitative	NMKL 187, 2016			Animal excrement	No
				Environmental test	No	
Thermotolerant Campylobacter	NMKL 119, 2007			Feed	No	
				Food	No	

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Food analysis	Thermotolerant coliform bacteria	NMKL 96, 2009			Fish and shellfish	No
Water analysis	Coliform bacteria	ISO 9308-1:2014			Drinking water	No
					Fresh water	No
					Sea water	No
					Waste water/Leach water	No
	Escherichia coli	ISO 9308-1:2014			Drinking water	No
					Fresh water	No
					Sea water	No
					Waste water/Leach water	No
	Intestinal enterococci	ISO 7899-2:2000			Drinking water	No
					Fresh water	No
					Sea water	No
					Waste water/Leach water	No
	Pseudomonas aeruginosa	EN-ISO 16266:2008			Drinking water	No
					Fresh water	No
Total count of culturable micro-organisms 22°C, 3 days	ISO 6222:1999			Drinking water	No	
				Fresh water	No	
				Sea water	No	
Total count of culturable micro-organisms 36°C, 2 days	ISO 6222:1999			Drinking water	No	
				Fresh water	No	
				Sea water	No	

Changes in the scope of accreditation are in bold.