Customer:

INMATEC Gase Technologie
GmbH & Co. KG
Gewerbestrasse 72
D - 82211 Herrsching

Extraction location:

INMATEC Gase Technologie
GmbH & Co. KG
Gewerbestrasse 72
D - 82211 Herrsching

Sample designation:

0,1% Stickstoff

Laboratory evaluation

Evaluation: Analysis of gas samples

Analyse-Bericht
analysis - report

Customer:	INMATEC Gase Technologie GmbH & Co. KG Gewerbestrasse 72 D - 82211 Herrsching
Sample designation:	Nitrogen Purity 0,1%
other information:	-
Gas type:	Nitrogen
Sample receipt:	2025.02.24
Sampler:	INMATEC Gase Technologie GmbH & Co. KG
Sampling date:	unbekannt
Order number / Order date:	600182 / 21.02.2025
Sample number / SAP-order:	250144187 / 7318371
Gas bag / Level:	5 L PET/Al / 75 %
Date of analysis:	24.02.2025 - 04.03.2025
Name of chem. Laboratory	SGS INSTITUT FRESENIUS GmbH Labor Longuich Im Pasch 1a, D - 54340 Longuisch

DAkkS
Deutsche
Akkreditierungsstelle
D-PL-14115-02-18

Comments:	None

Purpose of the investigation:	Analysis of Gas sampling,	Stickstoff 0,1%
Sample description:	Gas sample in gas bag	
Sample designation:	None	
Evaluation of the results:	None	
Explanations of the test non-standardized test methods used:	None	
Attachments to the test report:	None	
Releases:	None	

Notes and Remarks

Analyse-Bericht
analysis - report

Test Results

Parameters (main components)	Unit	Result
Methane	ppm	5
Carbon dioxide	Vol.-%	< 0,1
Oxygen	Vol.-%	0,5
Nitrgen	Vol.-%	97,9
Argon	Vol.-%	1,6
Helium	ppm	22
Carbon monoxide	ppm	< 10
Hydrogen	ppm	<10
Nitrogendioxid NO_2	ppm	< 0,05

Method of Analysis

Main Components (CH_4, CO_2, O_2, N_2)	Home method i. A. DIN 51872-04-A:1990-06 (GC-WLD), Ref. to dry Gas
Argon*	Home method (GC-WLD)
Hydrogen, CO*	Home method i. A. DIN 51872-04-A:1990-06 (GC-WLD), bez. auf trock. Gas
Methane*	Home method i.A. DIN 51872-04-A:1990-06 (GC-FID)
Helium*	Home method (GC-WLD)
NO_2	Direct-reading test tube (Dräger)

Procedures marked * are not accredited

End of the test report

06.02.2025

Signature of the editor

R. Kolgorle