



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **LABOR FRIEDLE GMBH**

VON-HEYDEN-STR. 11  
93105 TEGERNHEIM  
GERMANY

Testing Laboratory TL-489

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2005, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation maintained on the IAS website ([www.iasonline.org](http://www.iasonline.org)).

*This certificate is valid up to February 1, 2022.*



*This accreditation certificate supersedes any IAS accreditation bearing an earlier effective date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See [www.iasonline.org](http://www.iasonline.org) for current accreditation information, or contact IAS at 562-364-8201.*



A handwritten signature in black ink, reading "Raj Nathan", written over a horizontal line.

**Raj Nathan**  
President



INTERNATIONAL  
ACCREDITATION  
SERVICE®



## SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-489
Company Name	Labor Friedle GmbH
Address	Von-Heyden-Str. 11 93105 Tegernheim Germany
Contact Name	Albrecht Friedle Technical Manager
Telephone	+49 9403 96798-0
Effective Date of Scope	March 8, 2018
Accreditation Standard	ISO/IEC 17025: 2005

### Microbiological

PA-PCR-L-01	"Qualitative Detection of Listeria Monocytogenes in Food by Real-time-PCR" based on §64 LFGB L00.00-95 (V) (modified) using BIO-RAD: I-Q-Check™ Listeria Monocytogenes II Scheme Standard Extraction and KIT User Guide, validated by AFNOR
PA-PCR-L-02	"Qualitative Detection of Salmonella in Food by Real-time-PCR" based on §64 LFGB L00.00-98 (modified) using BIO-RAD: I-Q-Check™ Salmonella II Scheme Standard Extraction and KIT User Guide, validated by AFNOR
PA-PCR-L-03	"Qualitative detection of Shiga Toxin producing E.coli in food by Real-time-PCR" based on §64 00.00-150 (V) (equivalent to DIN CEN ISO/TS 13136) using CONGEN: "SureFast® PREP Bacteria" and "SureFast® STEC Screening PLUS"
PA-PCR-L-04	"Qualitative Detection of GVO-Screening-Elements P35S, T-NOS and P-FMV in Food, Feeding Stuffs and Seeds by Real-time-PCR" based on §64 LFGB L00.00-118, §64 LFGB L00.00-119, §64 LFGB L00.00-121, CONGEN SureFast® PREP Plant X"Congen, SureFast® GMO SCREEN 4plex 35S/NOS/FMV+IAC, SureFast® GMO Plant PLUS"
PA-PCR-L-05	"Qualitative Detection of Clostridium Perfringens in Food by Real-time-PCR" based on §64 LFGB L00.00-109, §64L00.00-110, CONGEN "SureFast® PREP E.coli", (bzw. "SureFast® PREP Bacteria I") and "SureFast® BAC Clostridium perfringens PLUS"
PA-PCR-L-06	"Qualitative Detection of Norovirus and Hepatitis A in Food by Real-time-RT-PCR" based on §64 L00.00-147/2 (V) (equivalent to DIN CEN ISO/TS 15216-2) using CONGEN: "SureFast® PREP DNA/RNA Virus" and "SureFast® Norovirus PLUS" / "SureFast® Norovirus/Hepatitis A 3plex"



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PA-PCR-L-07	"Qualitative Multiplex Detection of the Virulence Factors stx1/stx2, eae and ipaH in Food by Real-time-PCR" based on §64 LFGB L00.00-109, §64L00.00-110, CONGEN "SureFast® PREP E.coli" and "SureFast® EHEC/EPEC 4plex"
PA-MB-L-13	Horizontal method for the detection of Salmonella spp. based on §64 LFGB L00.00-20 & L00.00-20a
<b>Chemical</b>	
PA-ML-L-26	"Determination of Radionuclides in Material Samples and Fluids by Gamma Spectrometry Determination" based on E-γ-SPEKT-LEBM-01, Office for Soil, Vegetation, Feed and Food Stuff of Plant and Animal Origin, Version May 1997
PA-ML-L-03	Determination of pesticide residues in food –QuEChERS (Quick, Easy, Cheap, Effective, Rugged and Safe) with GC-MS/MS or LC-MS/MS(based on ASU L00.00-115)
PA-ML-L-40	Quick Method for the Analysis of Residues of numerous Highly Polar Pesticides in Foods of Plant Origin involving Simultaneous Extraction with Methanol and LC-MS/MS Determination (QuPPE). (based on QuPPE-Method of EURL-SRM Version 7-1)
PA-ML-L-05	Determination of Dithiocarbamates in food by Headspace GC-MS (based on ASU L00.00-49/2)
PA-ML-L-11	Determination of SO <sub>2</sub> in food according to Monier Williams (based on ASU L00.00-46/1)
PA-ML-L-06	Determination of Bromide in food by Headspace GC-MS (based on ASU L00.00-36/1 and L00.00-36/2)
PA-ML-L-04	Determination of Nitrates in food by IC (based on ASU L26.00-1)
PA-ML-L-31	Determination of Phosphine in food by headspace GC-MS ( based on Detection of phosphine residues in organic cereals, Richard Amstutz, Anton Knecht and Daniel Andrey, Laboratorium der Urkantone, Brunnen, Schwitzerland; Mitt.Lebensm.Hyg.94, 603-608 (2003))
PA-ML-L-33	Determination of Aflatoxins in food and feed by LC-MS/MS (based on ASU L23.05-2)
PA-ML-L-09	Determination of metals and trace elements in food by ICP-MS (based on ASU L00.00-19/1)
PA-ML-L-36	Determination of Ochratoxin A in food by LC-MS/MS (based on ASU L30.00-5)
PA-ML-L-49	Determination of Guazatin in food by LC-MS/MS



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PA-ML-L-50	Determination of polyfluorinated compounds in food by LC-MS/MS
PA-ML-L-52-01	Determination of MOSH/MOAH in food and packaging of all kinds by online-HPLC-GC-FID
PA-ML-M-01	(Liquids) & PA-ML-M-13 (Solids) Elemental determination in liquid and solid human biological matrices by ICP-MS (based on the MAK Collection for Occupational Health and Safety Part IV: Biomonitoring Methods)
PA-ML-I-11	Determination of VOC compounds by thermal desorption in indoor air and emission test chamber air by GC-MS (based on DIN ISO 16000-6)

## **Chemistry Testing of Non-Food materials**

PA-ML-NF-01	Determination of pesticide residues and contaminants in non-food materials with GC-MS/MS or LC-MS/MS
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