



Organisme belge d'Accréditation
Belgische Accreditatieinstelling
Belgische Akkreditierungsstelle
Belgian Accreditation Body

Signatory to EA, ILAC and IAF
Multilateral Agreements

Accreditation Certificate No. 363-TEST

In compliance with the provisions of the Royal Decree of 31 January 2006 setting up BELAC, the Accreditation Board hereby declares, that the test laboratory

NELSON LABS N.V.
Romeinsestraat, 12
3001 LEUVEN - Belgium

has the competence to perform the tests as described in the annex which is an integral part of the present certificate, in accordance with the requirements of the standard EN ISO/IEC 17025:2017. The present accreditation is the subject of regular surveillance in order to confirm the compliance with the accreditation conditions.

The Chair of the Accreditation Board BELAC,

Issue date : 2019-09-10
Validity period : 2019-09-10 - 2022-04-06

Nicole MEURÉE-VANLAETHEM



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EA MLA Signatory

Bijlage bij accreditatiecertificaat
Annexe au certificat d'accréditation
Annex to the accreditation certificate
Beilage zur Akkreditierungszertifikat

363-TEST

EN ISO/IEC 17025:2017

Versie / Version / Version / Fassung	12
Geldigheidsperiode / Validité / Validity / Gültigkeitsdauer	2020-08-03 - 2022-04-06

Maureen Logghe

Voorzitster van het Accreditatiebureau
La Présidente du Bureau d'Accréditation
Chair of the Accreditation Board
Vorsitzende des Akkreditierungsbüro

De accreditatie werd uitgereikt aan / L'accréditation est délivrée à /
The accreditation is granted to / Die akkreditierung wurde erteilt für:

NELSON LABS nv
Romeinse straat 12
3001 Leuven

Abbreviations:

FPP	Final Pharmaceutical Products
MD	Medical devices
GP	General Plastics used in MD or packaging FPP
WFI	Water for injection

proposal of accreditation scope to be completed by the laboratory			
Internal code	Test sample/ Product/ Matrix	Property determined/ Parameter determined/ Type of test	Standard specifications + Equipment or Techniques used
I. Biology (Microbiology and Toxicology)			
SOP 3.1.2.24 / SOP0234	MD FPP GP	Bacterial endotoxins	USP<85> USP<161> E.P. 2.6.14 Bacterial endotoxins by LAL Chromogenic
SOP 3.1.2.3 / SOP0228	MD GP	Cytotoxicity (qualitative and quantitative determination)	ISO 10993-5 ISO 10993-12 USP<87> Cytotoxicity Test by MEM Elution
SOP 3.1.2.8 / SOP0231	MD GP	Total viable count	ISO 11737-1 Total Bioburden Test Membrane filtration
SOP 3.1.2.25 / SOP0235	FPP	Total Aerobic count	USP <61> E.P. 2.6.12 Microbial enumeration/Microbial Limit test
SOP 3.1.2.26 / SOP0236	FPP	Detection of Specified Micro-organisms	USP <62> E.P. 2.6.13 Membrane filtration, selective plating and identification
SOP 3.1.2.5 / SOP0229	MD	Sterility (qualitative)	ISO 11737-2 Sterility Testing by: Direct contact Membrane filtration

SOP 3.1.2.5 / SOP0229	FPP	Sterility (qualitative)	USP <71> E.P. 2.6.1 Sterility Testing by: Direct contact Membrane filtration
SOP0472 (soiling, cleaning and extraction) SOP0336	MD	Hemoglobin	AAMI TIR 12, 30 ISO17664 ASTF3208-17 UV/VIS
SOP0472 (soiling, cleaning and extraction) SOP0242	MD	Carbohydrate	AAMI TIR 12, 30 ISO17664 ASTF3208-17 UV/VIS
SOP0472 (soiling, cleaning and extraction) SOP0471 (BCA Assay)	MD	Protein	AAMI TIR 12, 30 ISO17664 ASTF3208-17 UV/VIS
SOP0476 (Steam sterilization validation)	MD	Sterility	ISO 11737-1 ISO 11737-2 ISO 11138-7 AAMI ST79 AAMI ST77 Steam sterilization
SOP0477 (Disinfection validation)	MD	Total viable count	ISO 17664 ISO 15883-1 ISO 15883-2 ISO 15883-5 ASTM E1837 AAMI TIR 12, 30 Total bioburden Test Membrane filtration

II. Chemistry			
SOP 3.2.7 / SOP0244 SOP 3.2.83 / SOP0269	Acidified WFI extracts of GP Microwave-assisted digestion of GP FPP MD	Quantification of Metals: Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, In, K, Li, Mg, Mn, Na, Ni, Pb, Sr, S, Si, Sn, Ti, Tl, V, W and Zn	ISO 10993-18 (MD) USP <730> EP 2.2.57 EP 2.2.58 Inductive Coupled Plasma (ICP)- Optical emission or mass spectrometry
SOP 3.2.11 / SOP0247	WFI extracts of GP FPP MD	Quantification of Anions: chloride (Cl-), fluoride (F-), nitrite (NO2-), nitrate (NO3-), phosphate (PO43-), sulphate (SO42-), bromide (Br-) Acetate (CH3COO-) and Formate (HCOO-)	ISO 10993-18 (MD) USP <1065> Ion Chromatography (IC) employing conductivity detection
SOP 3.2.47 / SOP0254 SOP 3.2.92 / SOP0451	Neat material GP	Identification of Volatile Organic Compounds	ISO 10993-18 (MD) USP<621> EP 2.2.28
SOP 2.2.3.66 /SOP0313 (instrument)	Solvent extracts of GP FPP MD	Specific Quantitative Methods in function of the product for Volatile Organic (target) Compounds.	Headspace Gas Chromatography / Mass spectrometry (HS-GC/MS)
SOP 3.2.8 / SOP0245 SOP0487 SOP 3.2.39 / SOP0251	Neat material GP	Identification of Semi-Volatile Organic Compounds.	ISO 10993-12 (MD) ISO 10993-18 (MD) USP<621> EP 2.2.28
Instrument procedures: - SOP 2.2.3.70 / SOP0317 (GC/MS) - SOP 2.2.3.56 / SOP0308 (GC/MS QQQ) - SOP 2.2.3.45 / SOP0301 (GC/FID)	Solvent extracts of GP FPP MD	Specific Quantitative Methods in function of the product for Semi-Volatile Organic (target) Compounds.	Gas Chromatography / Mass spectrometry (GC/MS)

SOP 3.2.39 / SOP0251 SOP 3.2.53 / SOP0255 (APCI) SOP 3.2.76 / SOP0264 (APCI)		Identification of Non-Volatile Organic Compounds	
Instrument procedures: - SOP 2.2.3.24 / SOP0290, SOP 2.2.3.35 / SOP0293, SOP 2.2.3.49 / SOP0304 (LC/UV) - SOP 2.2.3.30 / SOP0291 (LC/MS) - SOP 2.2.3.39 / SOP0296 (LC/MS QQQ)	Solvent extracts of GP FFP MD	Specific Quantitative Methods in function of the product for (target) Non Volatile Organic Compounds.	ISO 10993-12 (MD) ISO 10993-18 (MD) USP<621> EP 2.2.29 Liquid Chromatography/ Mass Spectrometry UV
SOP 3.2.44 SOP0253	WFI extracts of GP FFP Aqueous samples	Quantification of total organic carbon (TOC)	USP <643> EP 2.2.44 Total Organic Carbon by conductometric detection
SOP0262	MD/ FFP	Subvisible particles	USP <787>, USP<788>, USP<789> EP 2.9.19 Light obscuration