

State of New Jersey
Department of Environmental Protection
Certifies That

ALS ENVIRONMENTAL
Laboratory Certification ID # MI015

is hereby approved as a
Nationally Accredited Environmental Laboratory
to perform the analyses as indicated on the Annual Certified Parameter List
which must accompany this certificate to be valid

having duly met the requirements of the
Regulations Governing the Certification of
Laboratories and Environmental Measurements N.J.A.C. 7:18 et. seq.
and
having been found compliant with the 2016 TNI Standard approved by the
The NELAC Institute

Expires June 30, 2021

A handwritten signature in blue ink that reads "Michele M. Potter".

Michele M. Potter
Manager



NJDEP is a NELAP Recognized Accreditation Body

This certificate is to be conspicuously displayed at the laboratory with the annual certified parameter list in a location on the premises visible to the public. Consumers are urged to verify the laboratory's current accreditation status with the State of NJ, NELAP.

New Jersey Department of Environment Protection
Environmental Laboratory Certification Program



Annual Certified Parameter List and Current Status

Effective as of 7/13/2020 until 6/30/2021

Laboratory Name: ALS ENVIRONMENTAL Laboratory Number: MI015 Activity ID: NLC 200001
3352 128TH AVE
HOLLAND MI 49424

Category: DW09 –Organic Parameters - Chromatography/MS

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	DW09.30850	N-ethylperfluorooctanesulfonamidoacetic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.30900	N-methylperfluorooctanesulfonamidoacetic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.30950	Perfluorobutanesulfonic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31000	Perfluorodecanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31050	Perfluorododecanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31100	Perfluoroheptanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31200	Perfluorohexanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31250	Perfluorononanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31300	Perfluorooctanesulfonic acid (PFOS)	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31350	Perfluorooctanoic acid (PFOA)	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31400	Perfluorotetradecanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31450	Perfluorotridecanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31500	Perfluoroundecanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31550	Perfluorohexanesulfonic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31600	Hexafluoropropylene oxide dimer acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31650	11-chloroheicosafuoro-3-oxaundecane-1-sulfonic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31700	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31750	4,8-dioxa-3H-perfluorononanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL

Category: NPW16--NPW - Lab Developed/Non-Std Methods

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Applied	No	NPW16.05000	11-chloroheicosafuoro-3-oxaundecane-1-sulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL

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HOLLAND MI 49424

Category: NPW16--NPW - Lab Developed/Non-Std Methods

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Applied	No	NPW16.05050	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05100	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05150	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05200	4,8-dioxa-3H-perfluorononanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05250	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05300	Hexafluoropropylene oxide dimer acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05350	Perfluorobutanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05400	Perfluorobutanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05450	Perfluorodecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05500	Perfluorododecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05550	Perfluorodecanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05600	Perfluoroheptanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05650	Perfluoroheptanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05700	Perfluorohexanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05750	Perfluorohexanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05800	Perfluorooctanesulfonic acid (PFOS)	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05850	Perfluorononanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL

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Category: NPW16-NPW - Lab Developed/Non-Std Methods

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Applied	No	NPW16.05900	Perfluorononanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.05950	Perfluorooctanoic acid (PFOA)	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.06000	Perfluorooctanesulfonamide	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.06050	Perfluoropentanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.06100	Perfluoropentanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.06150	Perfluoroundecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.06200	Perfluorotetradecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.06250	Perfluorotridecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.06300	N-ethylperfluorooctanesulfonamidoacetic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL
Applied	No	NPW16.06350	N-methylperfluorooctanesulfonamidoacetic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP HN-LCMS-001	FL

Michele M. Potter, Manager