



SCOPE OF ACCREDITATION TO ISO/IEC 17043:2023

NSI Lab Solutions, LLC

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PROFICIENCY TEST PROVIDER

Valid to: **October 8, 2026**

Certificate Number: **AP-1693**

Chemical

Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Cannabis/Cannabis Products	Metals / Elements	Consensus Value of Participants
Cannabis/Cannabis Products	Pesticides	Consensus Value of Participants
Cannabis/Cannabis Products	Mycotoxins	Consensus Value of Participants
Cannabis/Cannabis Products	Terpenes	Consensus Value of Participants
Cannabis/Cannabis Products	Residual Solvents	Consensus Value of Participants
Cannabis/Cannabis Products	Potency, Cannabinoids	Consensus Value of Participants
Cannabis/Cannabis Products	Loss on Drying	Consensus Value of Participants
Cannabis/Cannabis Products	Water Activity	Consensus Value of Participants
Cannabis/Cannabis Products	Light Filth and Extraneous Matter	Known Value / Reference Value
Food Items	Proximates/Elements	Consensus Value of Participants
Food Items	Allergens – Qualitative: Presence/Absence of Gluten, Soy, Egg, Milk, Peanut, Crustacean	Reference Value
Environmental Samples	Trace Metals and Uranium	Kown Value / Reference Value
Environmental Samples	Nutrients	Reference Value
Environmental Samples	Minerals	Reference Value



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Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Environmental Samples	Inorganic Disinfection By-Products	Reference Value
Environmental Samples	Miscellaneous Analytes (not including Asbestos)	Reference Value
Environmental Samples	Volatile Organics	Reference Value
Environmental Samples	Pesticides	Known Value Reference Value
Environmental Samples	Carbamates & Vydate	Reference Value
Environmental Samples	Chlorinated Acid Herbicides	Known Value Reference Value
Environmental Samples	Herbicides	Reference Value
Environmental Samples	Haloacetic Acids	Reference Value
Environmental Samples	Adipate/Phthalate	Known Value
Environmental Samples	PCBs	Reference Value
Environmental Samples	PAH	Known Value
Environmental Samples	Demands	Known Value
Environmental Samples	Low Level Analytes	Reference Value
Environmental Samples	Volatile Aromatics	Known Value Reference Value
Environmental Samples	Volatile Ketones/Ethers	Known Value
Environmental Samples	Volatile Halocarbons	Known Value Reference Value
Environmental Samples	Low-Level Halocarbons	Known Value
Environmental Samples	Volatile Petroleum Hydrocarbons	Known Value
Environmental Samples	Base/Neutrals	Known Value
Environmental Samples	Acids	Known Value
Environmental Samples	Organochlorine Pesticides	Known Value
Environmental Samples	Low Level PAHs	Known Value
Environmental Samples	Petroleum Hydrocarbons	Known Value



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Pharmaceutical

Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Qualitative: Presence/Absence Identification by RT match Quantitative: Purity/Concentration by GC or HPLC Assay	Qualitative: Reference Value Quantitative: Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Water Content	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Loss on Drying	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Purity/Concentration by Titrimetric Assay	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	pH	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Conductivity	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Loss on Ignition	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Elemental Impurities	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Residual Solvents – Qualitative and Quantitative	Qualitative: Reference Value Quantitative: Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Optical Rotation	Reference Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Dosage Uniformity	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Presence/Absence Identification by FTIR	Reference Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Residue on Ignition	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Refractive Index	Reference Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Presence/Absence Identification by UV/Vis	Reference Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Sterility by USP <71>	Reference Value

Pharmaceutical

Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Microbial Enumeration by USP <61>	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Presence/Absence of Specified Organisms by USP <62>	Reference Value





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Microbiological

Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Food Items	Sanitation Indicators – Quantitative: Aerobic Count Coliforms Enterobacteriaceae S. aureus Escherichia coli Yeast/Mold B. cereus Lactic Acid Bacteria	Consensus Value of Participants
Cannabis	Indicators – Quantitative: Aerobic Count Coliforms Enterobacteriaceae Escherichia coli Yeast/Mold	Consensus Value of Participants
Food Items	Pathogens – Qualitative: Presence/Absence	Reference Value
Cannabis/Cannabis Products and Edibles	Pathogens – Qualitative: Presence/Absence	Reference Value

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AP-1693.