

Technical notes: Microbiological Testing Services

Lonza is the market leading and industry recognized supplier of antimicrobial products. Lonza can support product development and quality control or assurance programs with a portfolio of microbiological testing services. Non-GLP services are available for routine or validation testing for a wide range of industrial/

institutional, commercial and consumer raw materials, in-process and finished products. Tests are performed by qualified microbiologists in Lonza's state-of-the-art laboratory facilities. Efficient and economical testing services provided by Lonza are performed according to recognized and industry adopted standards. Routine test services are outlined below. Please contact your Lonza representative for more information about microbiological testing – just one of the many Life Science Tools and Services available from Lonza.



Code	Product Offering	Product description
9066163	Preservative Effectiveness Test (PET)	Standard 28 day PET with mixed bacterial pool (E. coli, S. aureus, P. aeruginosa) and mixed fungal pool (C. albicans, A. niger) with sampling at 0, 7, 14 and 28 days. Additional time points and/or re-challenge testing is available at additional cost.
906869	Preservative Effectiveness Test (PET) for Non-Woven Substrates	Standard 28 day PET with mixed bacterial pool (E. coli, S. aureus, P. aeruginosa) and mixed fungal pool (C. albicans, A. niger) with sampling at 0, 7, 14 and 28 days. Additional time points and/or re-challenge testing is available at additional cost.
906811 906872	Germicidal Spray Test (GST) 10 carriers Germicidal Spray Test (GST) 60 carriers	Disinfectant efficacy test for disinfectant spray products performed according to the official AOAC method.
906873 906874	Use-Dilution Test (UDT) 10 carriers Use-Dilution Test (UDT) 60 carriers	Disinfectant efficacy test for disinfectant products with immersion or mop & bucket label use directions performed according to the official AOAC method.
906875	Zone of Inhibition	Qualitative test to evaluate the inhibition of a microorganism by an antibacterial agent as measured by a zone of inhibition.
906876	Minimum Inhibitory Concentration (MIC)	Determination of minimum concentration of an antibacterial required to inhibit growth of a microorganism.
906877	AATCC 100	Quantitative assessment of antibacterial finishes on textile materials. Standard sampling at 0 and 24 hours. Additional time points available at additional cost.
906812	Bioburden Test/Microbial Content	Quantitative determination of the presence or absence of microorganisms in a sample.
N/A	Modified Germicidal Spray Test (GST) for Towelettes 10 or 60 carriers	Disinfectant efficacy test for disinfectant towelette products performed according to the EPA SOP.
908747	ASTM Non-Food Contact Sanitizer Test	ASTM Standard Method for demonstrating efficacy of sanitizer products on non-food contact surfaces.
908163	Influenza A (H1N1) Virus Testing	Influenza A efficacy testing. Test method following ASTM Standards according to U.S. EPA Guidelines.
909030	Adenovirus Testing	Adenovirus efficacy testing. Test method following ASTM Standards according to U.S. EPA Guidelines.
909099	Human Herpes Virus Testing according to US EPA guidelines	Herpes Simplex Virus efficacy testing. Test method following ASTM Standards according to U.S. EPA Guidelines.

About Lonza

Lonza is one of the world's leading suppliers to the pharmaceutical, healthcare and life science industries. Its products and services span its customers' needs from research to final product manufacture. Lonza is the global leader in the production and support of active pharmaceutical ingredients both chemically as well as biotechnologically. Biopharmaceuticals are one of the key growth drivers of the pharmaceutical and biotechnology industries. Lonza has strong capabilities in large and small molecules, peptides, amino acids and niche bioproducts which play an important role in the development of novel medicines and healthcare products. Lonza is a leader in cell-based research, endotoxin detection and cell therapy manufacturing. Lonza is also a leading provider of value chemical and biotech ingredients to the nutrition, hygiene, preservation, agro and personal care markets.

For more information

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