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Pickering

Artificial Body Fluids

Artificial Saliva

Artificial Saliva

Fusayama/Mayer Artificial Saliva for Testing of Products for Corrosion, Colorfastness and Discoloration

Used for testing a wide variety of products, incl. dental metal alloys.

pH value	4.9, custom pH
Storage condition	refrigerated
Condition	ready-to-use solution
Quantity	200 mL

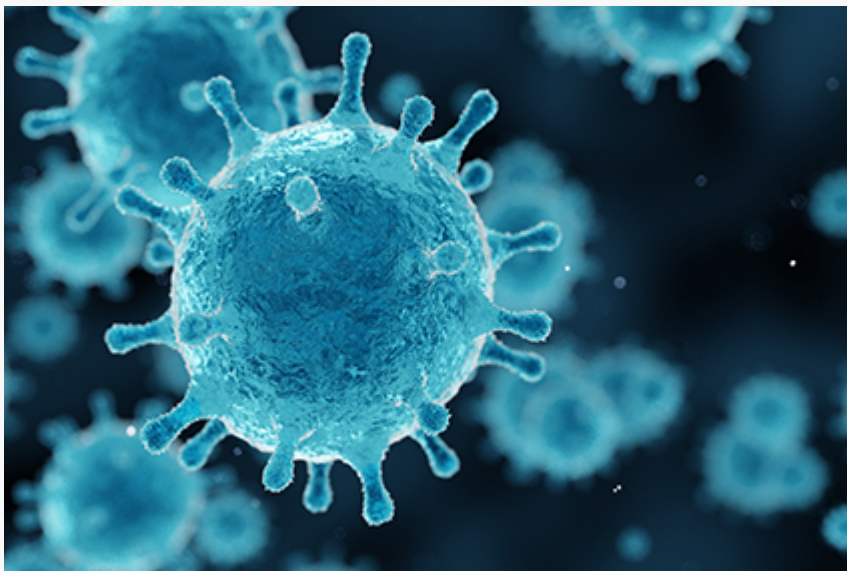


Find your specification:

	Stabilized	Not Stabilized
pH 4.9	1700-0309	1700-0301
Custom pH	1700-0306	1700-0307

Artificial Saliva with Mucin

Used for the evaluation of decontamination procedures for surfaces and materials contaminated with human pathogenic viruses. This artificial saliva can also be used for dental, drug delivery or pharmaceutical studies.



According to	ASTM E2720-16 and ASTM E2721-16
Quantity	200 mL
Stabilized	Storage at room temperature, ready-to-use solution
Not Stabilized	two-part formulation with mucin powder; store refrigerated

Find your specification:

	Stabilized	Not Stabilized
pH 7	1700-0316	1700-0317
Custom pH	1700-0318	1700-0319

Artificial Saliva for Testing Biodegradability of Dental Metal Alloys

According to	FNOR NF S91-141
pH value	7.8 after mixing
Storage condition	refrigerated
Condition	Solution consists of two parts that are mixed right before use.
Quantity	200 mL
Part Number	1700-0302

Artificial Saliva for Testing Colorfastness of Products Intended to Be Taken into the Mouth

According to	DIN 53160-1:2010-10
pH value	6.8 after mixing
Storage condition	frozen
Condition	Solution consists of two parts that are mixed right before use.
Quantity	200 mL
Part number	1700-0303

Artificial Saliva for Pharmaceutical Research

Formulated according to literature for pharmaceutical research such as studies of drug dissolution and drug delivery through oral mucosa.

pH value	6.8 (P/N 1700-0304)
	Custom pH (P/N 1700-0308)
Storage condition	refrigerated
Condition	ready-to-use solution
Quantity	200 mL

Artificial Saliva for Medical and Dental Research

Formulated according to literature references for medical and dental research.

The solution contains Sodium Carboxymethyl Cellulose to increase viscosity of the solution and make it behave similar to natural human saliva.

Only intended for product testing and research, not for medical use.

pH value	6.75
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Storage condition	room temperature
Shelf life	one year
Condition	ready-to-use solution, stabilized
Quantity	200 mL
Part number	1700-0305

α -Amylase

Amylase is the main enzyme in human saliva and is needed for starch digestion. As some applications require studying the effect of enzymes in saliva, Pickering Laboratories offers an easy way to add biological activity to your chosen artificial saliva product. Once added to the 200 mL bottle of artificial saliva, our Amylase product will provide 80 U/mL of enzyme activity.

Quantity	16 KU	P/N 1700-0320
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Please contact us

 +49 8082 2717-0  info@LCTech.de

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