PICKERING LABORATORIES

Artificial Ophthalmic Fluids – Simulated Aqueous Humor and Simulated Tears

PICKERING LABORATORIES TEST SOLUTIONS

The devil is in the details. That's why we put the required effort into creating a family of testing solutions that mimic true-to-life substances, from sweat and earwax to ocean water.

So whether you're testing the effects of perspiration on first responder's gear, effects of saliva on dental equipment, or blood penetration on PPE, the results will be repeatable and reliable. After all, the safety of your products are critical to the safety of those who use them.

A PIONEER IN REAGENTS & INSTRUMENTATION SINCE 1982

With our rigorous Quality Control process, perfected over decades, Pickering Labs guarantees the chemistry and integrity of each product. We are the global leader in formulating a wide array of specialty solutions, often custom, proprietary or purpose-built for our clients.

GUARANTEED CHEMISTRY

Ocular pharmaceuticals are developed to treat a wide range of eye conditions. These therapies can be administered locally as eye drops or ointments, or systemically, depending on the treatment needs. Achieving effective ocular therapy depends on the drug's ability to reach optimal therapeutic levels within the eye.

The aqueous humor — the clear fluid that fills the anterior and posterior chambers — plays a key role in assessing drug bioavailability and the effectiveness of the delivery route.

Pickering Laboratories' Simulated Aqueous Humor and Simulated Tears are designed to accurately replicate the conditions within and around the eye, supporting research and ocular product development. These innovative formulations enable reliable studies of drug release, absorption, and performance. Both products feature a convenient two-part system that enhances pH stability, ensuring consistent and reproducible results.

Simulated Aqueous Humor and Simulated Tears

Catalog No.	Description	Qty
1700-0029	Simulated Aqueous Humor, stabilized, 2-part	200 mL
1700-0819	Simulated Tears, 2-part	200mL

* For laboratory use only. Avoid skin and eye contact.