



## Certificate of Analysis

**Product** Artificial Eccrine Perspiration with custom pH - Not Stabilized  
**Part Number** 1700-0023  
**Volume** 200 mL  
**Lot Number** 2109004  
**Production Date** 07 September 2021  
**Expiration Date** 07 September 2022  
**Storage Conditions** Frozen at -20°C

### Acceptance Criteria

1. Appearance: ..... PASS
2. pH =  $6.0 \pm 0.1$  @  $25 \pm 0.4^\circ\text{C}$  : ..... PASS
3. Appropriate peaks verified by HPLC with post-column derivitization: ..... PASS

### Amino Acids

L-Alanine	L-Citrulline	L-Isoleucine	L-Ornithine	L-Threonine
L-Arginine	L-Glutamic acid	L-Leucine	L-Phenylalanine	L-Tyrosine
L-Asparagine	L-Glycine	L-Lysine	L-Serine	L-Valine
L-Aspartic acid	L-Histidine	L-Methionine	L-Taurine	

4. Other components gravimetrically-certified: ..... PASS

### Metabolites

Ammonia	Lactic Acid	Urea	Uric Acid
---------	-------------	------	-----------

### Minerals

Calcium	Copper	Magnesium	Potassium	Sulfate
Chloride	Iron	Nitrate	Sodium	Zinc

\*All product components are weighed on NIST-traceable scales and measured in Class A volumetric glassware

**Analysis Certified By:** Maria Ofitserova, Ph.D.

**Date:** 10 September 2021

The product is manufactured, packaged, stored and shipped according to manufacturing standard best practices and under modern sanitary conditions.



CERTIFIED