



## Certificate of Analysis

**Product** Artificial Eccrine Perspiration - Not Stabilized  
**Part Number** 1700-0022  
**Volume** 200 mL  
**Lot Number** 2301011  
**Production Date** 09 Jan 2023  
**Expiration Date** 09 Jan 2024  
**Storage Conditions** Frozen at - 20°C

### Acceptance Criteria

1. Appearance: ..... PASS
2. pH = 4.5 ±0.1 @ 25 ± 0.4°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
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### 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:** David Mazawa

**Date:** 10 Jan 2023

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



CERTIFIED