



Certificate of Analysis

Product Artificial Eccrine Perspiration with custom pH - Not Stabilized
Part Number 1700-0023
Volume 200 mL
Lot Number 2201079
Production Date 11 February 2022
Expiration Date 11 February 2023
Storage Conditions Frozen at -20°C

Acceptance Criteria

1. Appearance: PASS
2. pH = 6.0 ± 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
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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: Maria Ofitserova, Ph.D.

Date: 23 February 2022

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



CERTIFIED