



Certificate of Analysis

Product Artificial Eccrine Perspiration - Stabilized
Part Number 1700-0020
Volume 200 mL
Lot Number 2105047
Production Date 26 May 2021
Expiration Date 26 May 2022
Storage Conditions Dry at 8° to 25°C

Acceptance Criteria

1. Appearance: PASS
2. pH = 4.5 ± 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: Jim Murphy

Date: 26 May 2022

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



CERTIFIED