



## Certificate of Analysis

**Product** Artificial Apocrine Perspiration  
**Part Number** 1700-0556  
**Volume** 250 mL  
**Lot Number** 2311015  
**Production Date** 09 Nov 2023  
**Expiration Date** 09 Nov 2024  
**Storage Conditions** Refrigerated at 4 °C under inert gas

### Acceptance Criteria

1. Appearance:.....PASS  
 2. Homogeneity :.....PASS  
 3. Appropriate peaks verified by HPLC with post-column derivitization:.....PASS

### Amino Acids

|                 |                 |              |                             |             |              |
|-----------------|-----------------|--------------|-----------------------------|-------------|--------------|
| L-Alanine       | L-Creatine      | L-Glycine    | L-Leucine                   | L-Proline   | L-Tryptophan |
| L-Aspartic acid | L-Glutamic acid | L-Histidine  | L-Lysine mono-hydrochloride | L-Serine    | L-Tyrosine   |
| L-Citrulline    | L-Glutamine     | L-Isoleucine | L-Phenylalanine             | L-Threonine | L-Valine     |

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

### Metabolites

|              |             |                       |                           |              |
|--------------|-------------|-----------------------|---------------------------|--------------|
| Ammonia      | Citric acid | 2-hydroxybutyric acid | a-hydroxy-isobutyric acid | Urea         |
| Butyric acid | Formic acid | 3-hydroxybutyric acid | Lactic acid               | Valeric acid |

### Sugars

Glucose

### Minerals

|          |        |           |         |      |
|----------|--------|-----------|---------|------|
| Calcium  | Copper | Magnesium | Sodium  | Zinc |
| Chloride | Iron   | Nitrate   | Sulfate |      |

### Other

Sebum

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

**Analysis Certified By:** David Mazawa

**Date:** 10 Nov 2023

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



CERTIFIED