

Certification of Analysis



1. PRODUCT INFORMATION

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|-------------------------------|---|
| Name of protein: | BMTS-AUT-PDGF-BB |
| Description: | Biological Materials Transdermal system linked AUT-PDGF-BB, Recombinant human DNA expressed in <i>E. coli</i> |
| INCI name: | sr-(Oligopeptide-249 sh-Polypeptide-59) Dimer |
| Catalog No.: | UBP-APB-1 |
| Lot. No.: | APB-1-XXXXX |
| Formulation: | 50 mM Sodium Phosphate [pH 7.4] |
| Appearance: | Color that are visible to the naked eye or colorimetric measurements |
| Storage and Stability: | Avoid repeated freeze-thaw cycle. Short term (< 2 week) store at 2 – 8 °C Long term (≥ 2 week) store at ≤ - 20 °C |
| Expiration data: | 2 years from date of manufacture |

2. SPECIFICATION

| Control Parameter | Specification | Result |
|--------------------------------|---|---------------------------------------|
| pH | pH 7.0 ~ 8.0 | pH 7.4 |
| Identity (SDS-PAGE) | Reducing condition - about 15 / non-reducing condition: about 30 (kDa) | Pass |
| Purity (SDS-PAGE) | ≥ 70.0 % | ≥ 70.0 % |
| Protein Concentration (UV/Vis) | 0.5 ± 0.05 mg/mL | 0.5 mg/mL |
| Endotoxin | Not applicable | Not applicable |
| Biological Activity | Active form | Conformed |
| Bioburden | No detected | Pass (No bacteria/fungus detected) |

Signed by:

Quality assurance