

# Certification of Analysis



UbiProtein

## 1. PRODUCT INFORMATION

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<b>Name of protein:</b>	<b>BMTS-AUT-SOD-1</b>
<b>Description:</b>	Biological Materials Transdermal system linked AUT-SOD-1, Recombinant human DNA expressed in <i>E. coli</i>
<b>INCI name:</b>	sr-(Oligopeptide-249 sh-Polypeptide-60)
<b>Catalog No.:</b>	<b>UBP-AS1-1</b>
<b>Lot. No.:</b>	<b>AS1-1-XXXXX</b>
<b>Formulation:</b>	1 X PBS, Liquid with no additives, no detergents
<b>Appearance:</b>	Color that are visible to the naked eye or colorimetric measurements
<b>Storage and Stability:</b>	Avoid repeated freeze-thaw cycle. Short term (< 2 week) store at 2 – 8 °C Long term (≥ 2 week) store at ≤ - 20 °C
<b>Expiration data:</b>	2 years from date of manufacture

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## 2. SPECIFICATION

Control Parameter	Specification	Result
pH	pH 7.0 ~ 8.0	pH 7.4
Identity (SDS-PAGE)	About 20 kDa single band	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)

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Signed by:

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Quality assurance