TECHNICAL DATA SHEET

Product Name	Recombinant Collagen
Product ID	PMKZ2601

ANALYSIS	**SPECIFICATION**
Purity	≥90.0% HPLC
Content	≥90.0%
Formula weight	47kDa
Bacterial endotoxin	<0.5EU/mg
Peptide sequence coverage	100% as specified
Terminal amino acid sequence	Consistent with theoretical sequence
Organoleptic Tests	
Appearance	Powder or spongy solid
Color	White to off-white
Odor	Characteristic
Physical Characteristics	
pH value	4.5 ~ 7.0
Solubility	≥100mg/ml
Loss on drying	≤10.0%
Ignited residue	≤2.0%
Heavy Metal	
Pb	≤1 ppm
As	≤0.1 ppm
Hg	≤0.1 ppm
Cd	≤0.1 ppm
Cr	≤2 ppm
Microbiological Test	
Total plate count	≤100 cfu/g

Yeast & mold mould	≤10 cfu/g
Pseudomonas aeruginosa	Not detected
Staphylococcus aureus	Not detected
Heat-resistant escherichia coli	Not detected
Residual Solvents	
Methanol	≤100 ppm
Storage	Sealed, protected from light, stored at room temperature.
Shelf life	2 years