

Product Specification

(Cosmetic and Quasi-drugs material)

Revised date : December 23, 2021

Product name : Marine Placenta®

Product code : MPC

Quality specification

【Test items】	【Specification】	【Method】
1. Properties(appearance, smell)	Colorless to pale yellow clear liquid, slightly peculiar smell	Visual and sensory test
2. Identification test		
(1)Amino acids	Test solution exhibits red-purple to blue-purple color	To 1ml of this product, add 1ml of ninhydrin solution and heat on a water bath for 5 minutes.
(2)Protein	Test solution exhibits red-purple to blue-purple color	To 1ml of this product, add 2ml of sodium hydroxide test solution and a few drops of copper sulfate (1→100).
3. pH	5.4~7.4	Japanese Standards of Quasi-drug Ingredients 2021
4. Nitrogen content	0.04% or more	Japanese Standards of Quasi-drug Ingredients 2021
5. Purity test		
(1)Heavy metals(Pb)	20 ppm or less	Japanese Standards of Quasi-drug Ingredients 2021
(2)Arsenic(As ₂ O ₃)	2 ppm or less	Japanese Standards of Quasi-drug Ingredients 2021
6. Residue on Ignition	1.0% or less	Japanese Standards of Quasi-drug Ingredients 2021
7. Viable bacteria count	100 pcs / ml or less	Petri Film
8. Number of fungi	10 pcs / ml or less	Petri Film
9. Microbiological Limit		
(1)Coliforms	Negative	Petri Film
(2)P.Aeruginosa	Negative	NAC agar
(3)S.Aureus	Negative	Petri Film
(4)Candida Albicans	Negative	Candida Detector

Quality control

1. Place of manufacture	Japan
2. INCI name	Water, Phenoxyethanol, Hydrolyzed Salmon Ovary Membrane Extract
3. Production method	Batch production system
4. Method of displaying lot number	(Example)MPC-8091 MPC- : Product identification code 8 : Year of manufacturing, the last digit of A.D. 09 : Month of manufacturing 1 : Serial number in the manufacturing month
5. Examination frequency	Each production lot
6. Measure for prevention of foreign body mixture	Visual
7. Measure for prevention of microbe	Sterilization, Microorganism test
8. Quality warranty period	3 years after production(Only unopened)
9. Handling and Storage method	See Safety Data Sheet

Packaging specification

1. Net	1kg
2. Packaging	Square polyethylene containers

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