

Certificate of Analysis

Product Name : SESQ ML5(CL)
Lot No. : 23I20152
Manufacturing Date : 20-Sep-2023
Expiry Date : 19-Sep-2026
Packing Unit : 15kg

Specification

Test Items	Specification	Result	Test Method
Appearance	White powder	Pass	Visual Test
Odor	Odorless	Pass	Odour Test
Loss on Drying	Less than 1.0%	0.64	0.5g, 105 °C, 4hr ⁽²⁾
pH	6.0 ~ 8.0	6.20	(3)
Particle size	3 ~ 6 μm (average)	Pass	(4)
Oil Absorbency	40 ~ 70%	Pass	(5)
Lead(Pb)	20 ppm max	Pass	ICP Analysis ⁽¹⁾
Arsenic(As)	3 ppm max	Pass	ICP Analysis ⁽¹⁾
Mercury(Hg)	1 ppm max	Pass	(1)
Cadmium(Cd)	5 ppm max	Pass	ICP Analysis ⁽¹⁾
Antimony(Sb)	5 ppm max	Pass	ICP Analysis ⁽¹⁾
Barium(Ba)	10 ppm max	Pass	ICP Analysis ⁽¹⁾
Chromium(Cr)	10 ppm max	Pass	ICP Analysis ⁽¹⁾
Copper(Cu)	10 ppm max	Pass	ICP Analysis ⁽¹⁾
Zinc(Zn)	10 ppm max	Pass	ICP Analysis ⁽¹⁾
Nickel(Ni)	10 ppm max	Pass	ICP Analysis ⁽¹⁾
Aerobic Bacteria	≤ 100 cfu/g	Pass	PCPC Microbiological Guideline
Fungi	Not Detected	Pass	PCPC Microbiological Guideline

(1) Tested according to 'Regulation on Safety Standard etc of Cosmetics'

(2) KFCC : Korea Functional Cosmetics Codex

(3) 10 wt% in 9:1 mixture of water and ethanol

(4) Optical microscopic observation, size distribution analyzer

(5) Minimum amount of sunflower oil to wet the particles thoroughly

We certify that the above description is correct and true in every respect.



Seung-soo, Kim

QUALITY ASSURANCE MANAGER

 CHEMLAND Co., Ltd.