

## Certificate of Analysis

(Representative Sample Certificate)

**Product Name:** SkinWhite BLE  
**INCI Name:** Arbutin, magnesium ascorbyl phosphate  
**CAS Number:** 497-76-7, 114040-31-2, 113170-55-1  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

Analytical Tests	Standards	Results
Appearance (Internal method - visual)	Clear, colorless to amber solution	Corresponds
pH (EP 2.2.3 Potentiometric)	5.5-6.5	6.3
Relative Density d <sub>20</sub> /20 (EP 2.2.5 Digital density meter)	1.068-1.080	1.078
Refractive Index n <sub>25</sub> (EP 2.2.6 Digital refractometer)	1.364-1.370	1.368
Tyrosinase Inhibitor Activity (Internal method - Enzymatic assay; potentiometric)	>50 TyIU <sup>1</sup> /mL	60 TyIU <sup>1</sup> /mL
Vitamin C Magnesium Phosphate (Internal method - HPLC NH <sub>2</sub> ; UV 255nm)	2.0-4.0% m/m	2.7% m/m
Total Viable Aerobic Count - TAMC (According to EP 2.6.12 membrane filtration)	≤100 CFU/mL	Corresponds
Total Viable Aerobic Count - TAMC (According to EP 2.6.12 membrane filtration)	≤100 CFU/mL	Corresponds
Specified Microorganisms (According to EP 2.6.13)	Absence in 1mL	Corresponds

1TyIU = Tyrosinase Inhibitor Units

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions. This report is not to be signed.

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