Product Portfolio

AMARANTH

WORESANA®ama – The Barrier Shield

THE ULTIMATIVE SOLUTION FOR SKIN BARRIER PROTECTION



PLATINUM Top 1% ecovadis Sustainability Rating APR 2026

COSMOS CERTIFIED

82% **1** **Strengthens the Skin Barrier**

Boosts key barrier-building proteins and lipids, increasing LCE2B expression by **47%** and HMGCS1 by up to **82%** to reinforce epidermal integrity.

7 **52%**

Reduces Dark Spot Formation

Inhibits the melanogenesis pathway by reducing MC1R expression by **52%**, helping to limit the appearance of age spots and uneven pigmentation.

6 **42%**

Limits Melanin Production

Decreases DCT expression by **42%**, reducing melanin synthesis and promoting a brighter, more even skin tone.



2 **119%**

Supports Microbiome Balance

Enhances the skin's natural defense system by increasing β-defensin expression by up to **119%**, supporting microbiome balance and barrier maintenance.

3 **17%**

Protects Against Pollution-Induced Inflammation

Helps defend skin against environmental aggressors by reducing pollution-induced inflammatory signaling, including IL-8 release, for healthier and more resilient skin.

40% **5** **Targets Hyperpigmentation at the Source**

Reduces tyrosinase (TYR) expression by **40%**, directly addressing one of the key enzymes responsible for dark spot development.

34% **4** **Activates Antioxidant Defenses**

Stimulates endogenous antioxidant pathways, increasing NQO1 expression by **34%** and supporting Nrf2-mediated protection against oxidative stress.

woresan FERMENTED INGREDIENTS