

Cosphagard® Elbe is a cost-efficient mixture of sodium benzoate and the naturally derived multifunctional sodium levulinate. The blend can be used to replace controversially discussed Preservatives like parabens, MIT, triclosan, formaldehyde separators etc. without losing strong antimicrobial effectiveness against bacteria, yeasts and moulds. A further advantage is that this blend is COSMOS-approved and also complies with further international certification labels. It can be used for any cosmetic formulation type except purely oil-based formulations. For full efficiency the pH value of the final product should ideally be 5.5.

- Cost-efficient alternative to controversially discussed Preservatives (parabens, MIT, etc.)
- COSMOS-conform, listed Preservative
- Blend with full-spectrum antimicrobial protection



COSMOS
APPROVED



16128

ISO 16128

Natural Index	0.64
Natural Origin Index	0.88

INCI-Name Aqua, Sodium Levulinate, Sodium Benzoate

Source Sugar cane / Corn, Synthetic

Efficacy Spectrum

Bacteria:	●
Yeast:	●
Mould:	●

pH-range 4.0 - 6

Recommended concentration [%] 2.00 - 2.50

Substance Class Blend

Function

- Antimicrobial
- Skin conditioning
- Preservative

Type of Formulation

- O/W
- W/O
- Surfactant Based
- Water-Based

Solubility • Water-soluble

Appearance Clear liquid

Colour Slightly yellow

Odour Characteristic

Combinable Products • Cosphaderm® GMCY

Item No. 03-005-xxxx

CAS No.

- 7732-18-5
- 19856-23-6
- 532-32-1