

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	<table> <tr> <td>Bacteria:</td><td>●</td></tr> <tr> <td>Yeast:</td><td>●</td></tr> <tr> <td>Mould:</td><td>●</td></tr> </table>	Bacteria:	●	Yeast:	●	Mould:	●
Bacteria:	●						
Yeast:	●						
Mould:	●						
pH-range	4.0 - 6						
Recommended concentration [%]	2.00 - 2.50						
Substance Class	Blend						
Function	<ul style="list-style-type: none"> • Antimicrobial • Skin conditioning • Preservative 						
Type of Formulation	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • 7732-18-5 • 19856-23-6 • 532-32-1 						