

alluring, subtle fragrance  
with antimicrobial benefits

**conarom™ b aromatic**

## INCI phenylpropanol (and) humulus lupulus (hops) extract

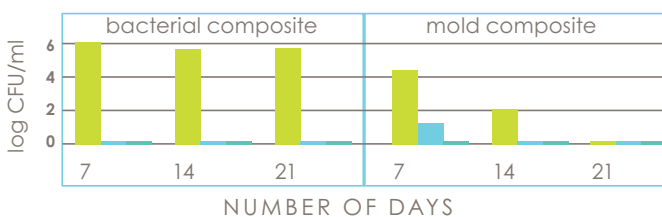
**Conarom b aromatic** is an effective solution derived from a naturally derived hops extract and the nature identical Phenylpropanol. **Conarom b** addresses the demand for multifunctional and more sustainable ingredients. It adds a gentle flowery to spicy fragrance and contributes to microbial stabilization. Formulators appreciate the good formulation compatibility and broad pH application.

At dosages of 0.3 to 2% it contributes to microbial stabilization by delivering broad antimicrobial protection as a secondary effect. Formulators will appreciate the liquid state, good formulation compatibility and broad pH applicability. **Conarom b aromatic** can be added to formulations at any phase of production when worked into products at ambient temperature. Typical uses include body and skin care emulsions, sun care, shampoo and body washes, conditioners and wet wipes.

### description

An effective solution that adds a gentle fragrance to end products and delivers broad antimicrobial protection for body & skin care emulsions, sun care, shampoo & body washes, conditioners and wet wipes.

### conarom b aromatic vs. unpreserved control



● unpreserved control ● conarom b aromatic 1%

● conarom b aromatic 1.5%

bac comp: S. aureus, E. coli, P. aeruginosa, B. cepacia

mold comp: A. niger, C. albicans



### challenge tests in baby wipes (cellulosic non-woven, pH 5.2–5.4)

ingredients	INCI name	% w/w	supplier
<b>phase A</b>			
de-ionized water	water	a.s. 100	
citric acid (10% aq)	citric acid	0.5	
<b>phase B</b>			
liposorb L20	polysorbate 20	0.2	Lipo
vital™ ET	disodium lauriminodipropionate tocopheryl phosphates	0.05	Ashland
<b>phase C</b>			
siTec DMC 6031	PEG/PPG-25/25 dimethicone	0.1	Wacker
glycerin	glycerin	0.5	Rita
<b>phase D</b>			
NaOH (10%) to adjust pH	sodium hydroxide	a.s. pH 5.3	
conarom™ b aromatic	phenylpropanol (and) humulus lupulus (hops) extract	1 or 1.5	Ashland
liposorb L20	polysorbate 20	0.8	Lipo

### Procedure

- 1 Dissolve ingredients of phase a in water at RT with sweep blade.
- 2 Combine ingredients of phase b and mix separately till clear.
- 3 Add phase b to phase a, mix well.
- 4 Add in order ingredients of phase c, mix after each addition.
- 5 Adjust pH in phase d.

pH 5.3–6.0 impeller used: sweep blade mixing rate: 250 to 300 rpm



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