

To Whom it may concern

General:

For tooth whitening products the use of Hydrogen Peroxide is proofed to efficient and effective as oxidizing agent. However, Hydrogen Peroxide is not a very stable component in a gel. Therefore, most tooth whitening products contain the much more stable ingredient Carbamide Peroxide also known under many different synonym names:

- Oxygel
- Peroxigel
- Urea Peroxide
- Urea Hydrogen Peroxide

Calculation Hydrogen Peroxide in Carbamide Peroxide:

Cavex Bite &White contains 16 % Carbamide Peroxide:

Molecular weight: 94,07 g/mol Carbamide Peroxide

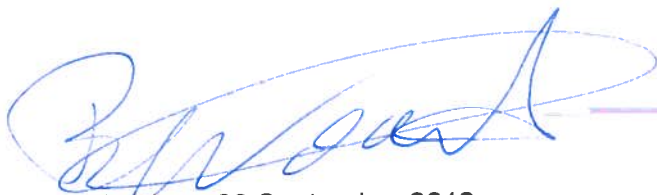
Molecular weight: 94,07 g/mol Hydrogen Peroxide

Carbamide Peroxide 16 % / 94,07 → 0,17 mol

0,17 x 34,0147 → 5,78 % Hydrogen Peroxide

According to the Council directive 2011/84/EEC amending the Cosmetic Directive 76/768/EEC a maximum of 6 % Hydrogen Peroxide (H₂O₂) may be present in a tooth whitening composition or released from other compounds.

Cavex Bite&White contains 16% Carbamide Peroxide which releases maximum 5,78 % Hydrogen Peroxide. Therefore, we may consider that Cavex Bite&White is in accordance with the directive.



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