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### The Strategy of Surfactant Analysis by HPLC

1.0 Introduction Surfactants have a major impact on all aspects of our daily life, either directly in household detergents or in personal care products, or indirectly in the production and processing of materials which surround us. The term surfactant is a convenient shortening of the term surface-active agent.

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Cullum D.C. (1994) Introduction. In: Cullum D.C. (eds) Introduction to Surfactant Analysis. Springer, Dordrecht. [https://doi.org/10.1007/978-94-011-1316-8\\_1](https://doi.org/10.1007/978-94-011-1316-8_1). DOI [https://doi.org/10.1007/978-94-011-1316-8\\_1](https://doi.org/10.1007/978-94-011-1316-8_1); Publisher Name Springer, Dordrecht; Print ISBN 978-94-010-4574-2; Online ISBN 978-94-011-1316-8; eBook Packages Springer Book Archive

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In the case of TBs analysis, the percentage of CaCO 3 was ranged from (32.84 to 44.25%), the pH values were between (6.62 to 8.99) and moisture content was ranged from (28.09 to 36.72%).

### (PDF) An Introduction to Toothpaste - Its Purpose, History ...

N. D. Denkov et al., "Role of surfactant type and bubble surface mobility in foam rheology". Soft Matter 5 (2009) 3389 (review). Additional Literature S. Tcholakova et al., "Role of surfactant type and concentration for the mean drop size during emulsification in turbulent flow", Langmuir 20 (2004) 7444.

### Surfactants - classification, features and applications

Introduction Synthetic surfactants areamong the most produced and used organic compoundsworldwide. They are a wide range of chemicals characterized by their amphiphilic nature. Thus, their molecules consist of an hydrophilic / polar head group (either charged or uncharged) and an hydrophobic / nonpolar hydrocarbon tail.

### Analysis of Surfactants in Environmental Samples by ...

D. C. Cullum, Introduction to Surfactant Analysis, Blackie Academic & Professional, London, 1994, ISBN 0-7514-0025-4. ASTM D 4251-89, Standard Test Method for Active Matter in Anionic Surfactants by Potentiometric Titration. ASTM D 5070-90, Standard Test Method for Synthetic Quaternary Ammonium Salt in Fabric Softeners by Potentiometric Titration.

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