



## APPLICATION OF SPECTROPHOTOMETRY IN COSMETIC WORLD

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### ABSTRACT:

In cosmetic and chemistry, Spectrophotometry is the quantitative measurement of the reflection or transmission proportion of a material as a function of wave length. Spectrophotometry involves the use of a spectrophotometer which photometer that can measure inform as a function of the light source wavelength particularly measurements of transmittance or reflectance of solution, transparent or opaque solide such as polished glass or gases. In some research as hair shampoo, anti-acne cream, % hazards trace element in cream, % drug in lotion can find out their proportion by spectrophotometry. This all prospective evaluator methods can show concentration of components in particular range by Lambert beer law rules. In future there is need to find out more technology and required to more appropriate result for cosmetic industries.

**KEY WORDS:** Spectrophotometer, Cosmetic, Evaluation.

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