

## **P69. DETERMINATION OF REMAZOL BRILLANT BLUE R DYE WITH UV-VIS SPECTROSCOPY**

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The dye stuffs that used in textile industry are thrown in waste water at the end of dyeing process. However, dye stuffs in waste water reach upto people via the food chain. Besides the fact that, people are sustained to these dye stuffs using textile material by skin contact. One of the dye stuff used in textile industry is Remazol Brilliant Blue R. This dye stuff is used in many textile industries across the world, including Turkey. Remazol Brilliant Blue R dye stuff is not widely investigated in the previous studies. In this study, physical and chemical properties of Remazol Brilliant Blue R dye, UV-VIS spectra and methods for determination of unknown concentrations of the dye stuff in aqueous solutions, health and genotoxic effects are widely discussed.

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