**Table 2. Spectroscopic analysis of DNA.**

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| The amount of DNA is estimated from the 260 nm reading. An absorbance reading of 1.0 is equivalent to 50 g of DNA per ml of solution.  The purity of DNA is estimated from the ratio of the reading at 260 nm to that at 280 nm. A value > 1.7 indicates relatively pure DNA. The maximum theoretical value is 2.0. |