

ABSTRACT

Reverse phase method was developed and validated for Dexamethasone in Tobradex and other such binary combinations. The binary combination containing Dexamethasone and Tobramycine was analyzed with different buffer solutions and solvent systems at room temperature, C-18 reversed phase column were used to bring out analysis. HPLC instrument contains Photodiode array and UV detector. The drugs dexamethasone and Tobramycine are equally important forensically owing to the side effects causing Death and other disorders. This method is expected to exhibit divergent forensic and valuable Industrial applications to detect the Tobradex component i.e., Dexamethasone.