

Supporting Information

J. Chem. Metrol. XX:X (202X) X-XX

Development and application of RP–HPLC method for estimation and evaluation of stability of brinzolamide in ophthalmic formulation

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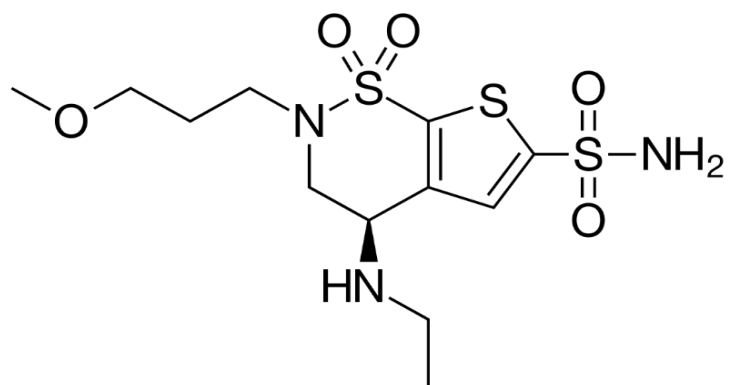


Figure S1 : Structure of brinzolamide (BZA).

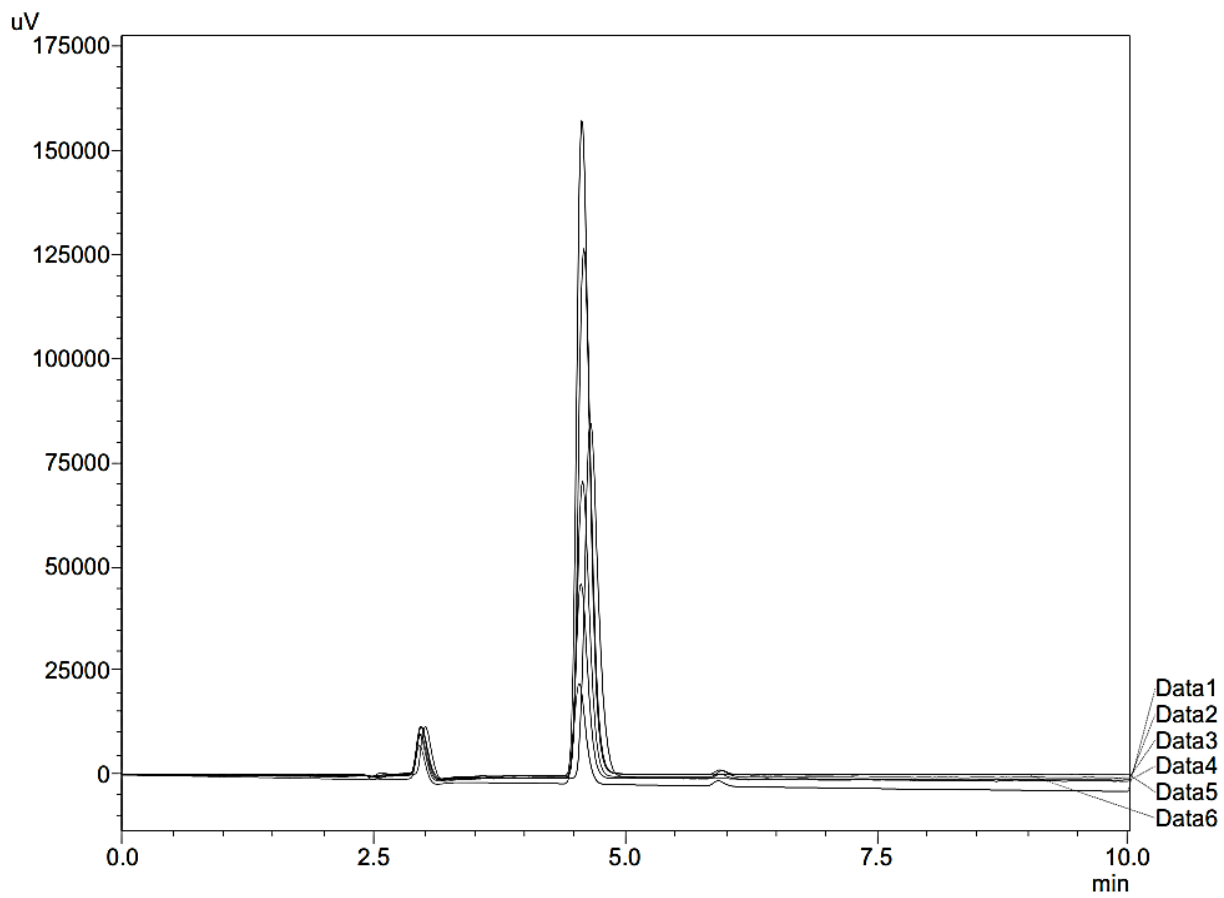
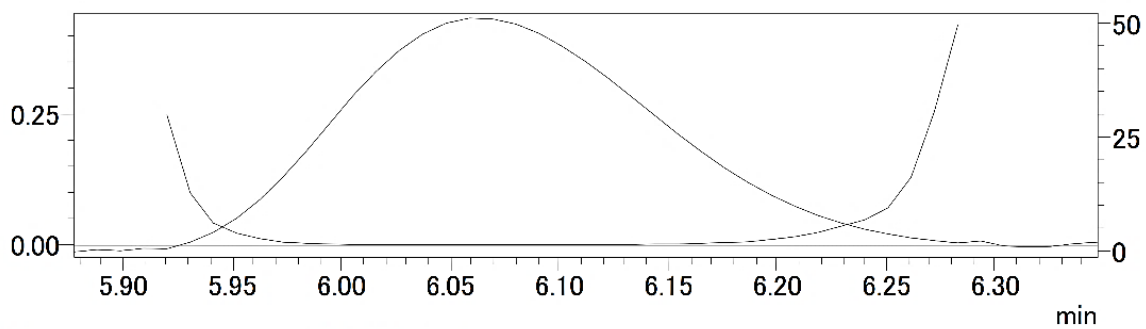


Figure S2 : Overlay chromatogram of brinzolamide (5 to 30µg/mL)



Impurity :Not Detected
Peak purity index : 0.999737
Single point threshold : 0.998355
Minimum peak purity index : 1382

Figure S3 : Peak purity analysis of brinzolamide

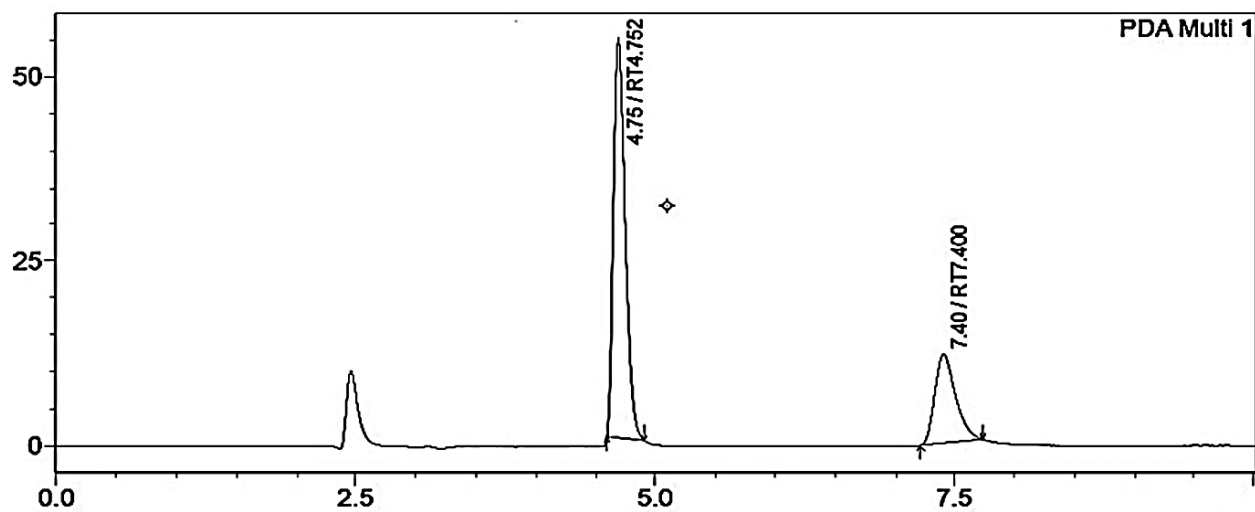


Figure S4 : Chromatogram of brinzolamide degraded with acid degradation

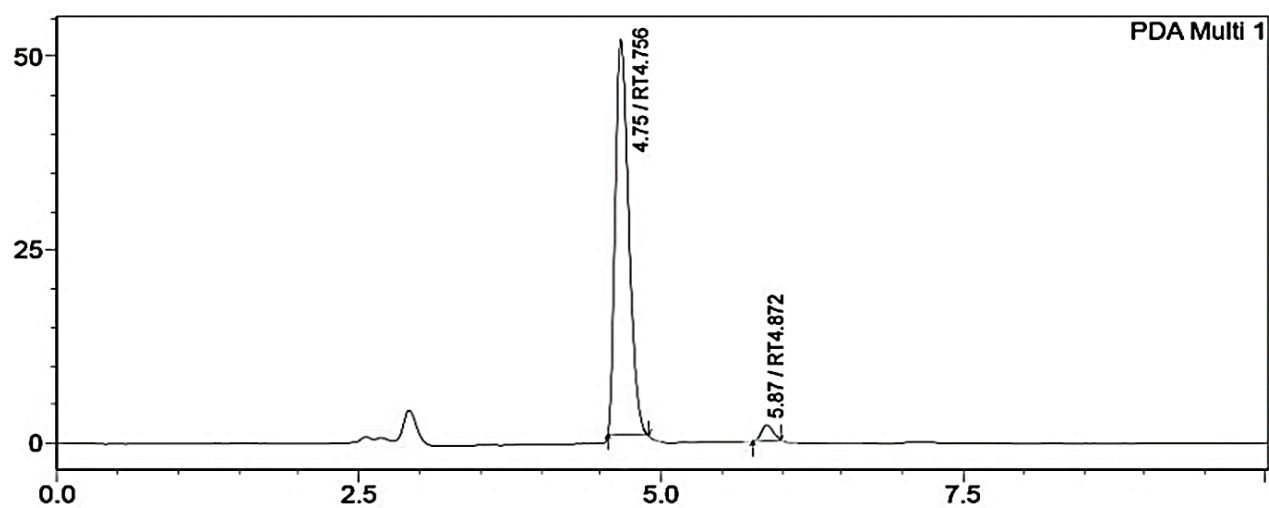


Figure S5 : Chromatogram of brinzolamide degraded with base degradation

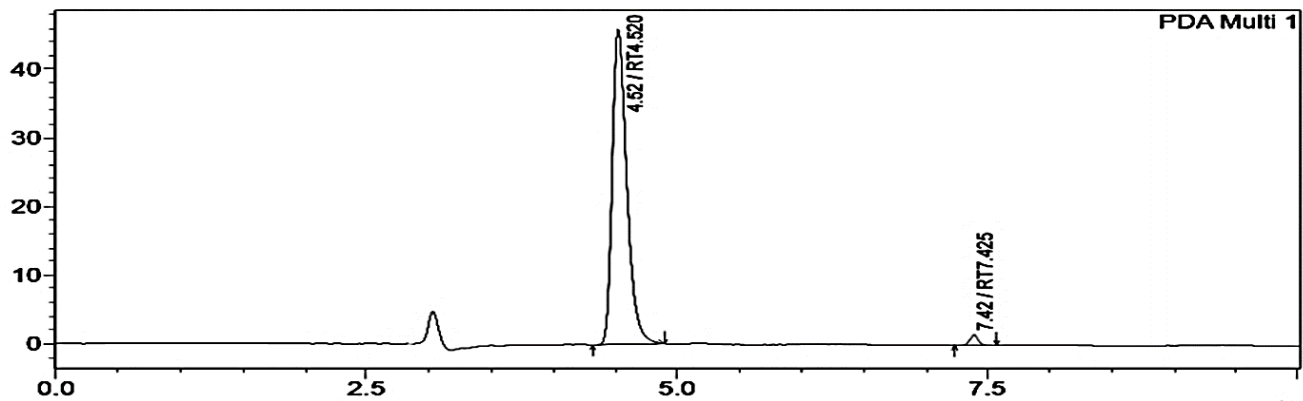


Figure S6 : Chromatogram of brinzolamide degraded with oxidation degradation

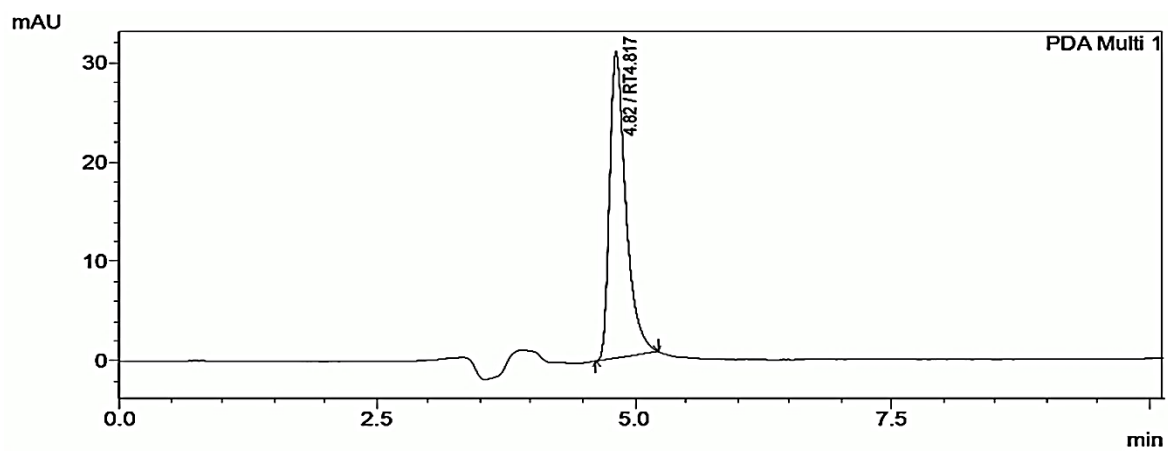


Figure S7 : Chromatogram of brinzolamide degraded with photolytic degradation

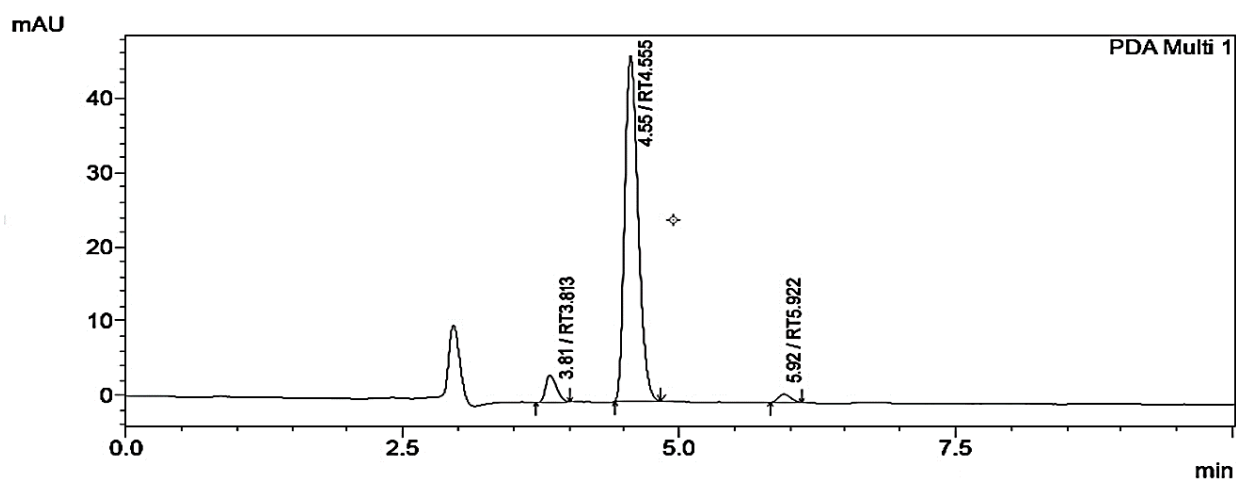


Figure S8 : Chromatogram of brinzolamide degraded with thermal degradation