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AN INVESTIGATION OF THE STABILITY OF ASCORIC ACID  
(VITAMIN C)

IN TETRA PACKED ORANGE FRUIT JUICES

BY

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A DISSERTATION SUBMITTED IN COMPLIANCE WITH THE  
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## ABSTRACT

Five samples for each of the two brands of orange juice, A and B with stated amounts of ascorbic acid on their packaging; 33 mg/100ml and 41 mg/100 ml respectively were bought from a supermarket around Bulawayo. They were used for the investigation of ascorbic acid stability over a <sup>mention the period.</sup> specified period of time, after opening the fruit juice packages and keeping them in a refrigerator at 4°C. The method used for the <sup>a</sup> analysis was a titrimetric method using 2,6-Dichlorophenol indophenol. The results obtained were tabulated and presented graphically. the lines of best fit on both graphs showed that there was slight degradation of the acid in both brands with the rate being slightly higher in brand A. Statistical analysis using t-tests at 95% confidence level concluded that there was no marked change in ascorbic acid over the period of study.

What are  
the differ  
bwn the  
two brands

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