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Impacts of sodium chlorite combined with calcium chloride, and calcium ascorbate on microbial population, browning, and quality of fresh-cut rose apple

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## ACCEPTED MANUSCRIPT

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24	
25	Abstract
26	
27	Microbial activity and browning were minimized and fresh-cut rose apple quality was
28	maintained using sodium chlorite (SC) combined with calcium chloride (CC) and calcium
29	ascorbate (CaAs) and by investigating the optimal concentration and dipping time of SC for
30	inhibiting microbial activity and browning. Fresh-cut rose apple samples were dipped in SC
31	solution at 100 mg/L and 200 mg/L for 1 min and 3 min, with filtered water and non-dipped

32 samples as controls. All samples were kept at  $4 \pm 2^{\circ}C$  for 9 d. The results showed that 200

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