

Supplement Legends

Supplemental Figure 1. Sodium Thiosulfate. This figure demonstrates the chemical structure of sodium thiosulfate, which is an anti-browning, reducing, and antioxidant agent: Capable of donating two electrons to re-pair unpaired damaging electrons to be an effective antioxidant as well as a chelator of cations such as the calcium excess in calcific uremic arteriopathy – calciphylaxis (CPLX) [6].

Supplemental Figure 2. Supplemental Figure 2. Possible chemical reaction of STS to generate glutathione (GSH) [6].