$$\frac{\left[\left(\mathrm{PROD}_{\mathrm{A}}\right)\left(\mathrm{STD}_{\mathrm{A}}\right)+\left(\mathrm{PROD}_{\mathrm{B}}\right)\left(\mathrm{STD}_{\mathrm{B}}\right)\right]}{\left[\left(\mathrm{PROD}_{\mathrm{A}}\right)+\left(\mathrm{PROD}_{\mathrm{B}}\right)\right]} = \text{Manufacturer's Composite } \mathrm{NO_x} \text{ Standard,}$$