

Sample Matrix

		Vendor A	Vendor B	Vendor C
Specifications	Min/Max Need	Are You Sick? Model XYZ	Thermometer World – Model 11A	Temperatures R Us - Model 2020B
Test Position	Oral, Armpit, Rectal	Yes	Yes	Yes
Display	Liquid Crystal with 4 digits	Yes – 5 digits	Yes - 4	Yes - 4
Temperature Range – Fahrenheit and Centigrade	Fahrenheit – 89.6 ⁰ to 107.6 ⁰ F Centigrade : 32 ⁰ to 42 ⁰ C	Yes – meets exactly	Yes – 87.8 ⁰ to 107.6 ⁰ F and 31 ⁰ to 42 ⁰ C	No Fahrenheit is 91.40 ⁰ to 105.8 ⁰ Centigrade is 33 ⁰ to 42 ⁰
Accuracy	±0.2 ⁰ C less than 35.5 ⁰ C ±0.1 ⁰ C greater than 40.5 ⁰ C ± 0.3 ⁰ F less than 95.9 ⁰ F ± 0.2 ⁰ F greater than 104.9 ⁰ F	Yes – meets exactly	No – Only ±0.2 ⁰ C greater than 40.5 ⁰ C	Yes – meets exactly
Power Source/Life	Battery Operated – more than 200 hours of continuous operation	Yes – 250 hours	Yes – 300 hours	Yes – 250 hours