**Quinine monohydrochloride dihydrate**

Formula Weight 396.91

5mM in 100mL is 0.1984g

5mM in 250mL is 0.4961g

**Sucrose**

Formula Weight 342.30

0.3M in 100mL is 10.269g

0.3M in 250mL is 25.6725

**NaCl**

Formula Weight 58.44

0.15M in 100mL is 0.8766g

0.15M in 250mL is 2.1915g

**Citric Acid**

Formula Weight 192.12

0.1M in 100mL is 1.9212g

0.1M in 250mL is 4.8030g

**Umami**

L-Glutamic acid monosodium salt monohydrate

Formula Weight 187.13

0.1M in 100mL is 1.8713g

0.1M in 250mL is 4.6782g

Inosine 5′-monophosphate disodium salt hydrate

Formula Weight

10mM in 100mL is 0.3921g

10mM in 250mL is 0.9804g