

Report: The total current from
Experimental value is 8.74 mA .

But theoretical value, $I = 8.89 \text{ mA}$,
which means component tolerances,
environmental factor, measurement
errors and instrument limitations may
changed the experimental value. We
found $I = 8.89$ theoretically. In many
cases experimental value reflect actual
physical system value.

Theoretical evaluation don't affected
by any component so, which value
we get is not true for physical system.
It is true for mathematical calculation.
This why $I = 8.89 \text{ mA}$ not accurate for
physical system. But we can say total
current is mathematically same.