

## Test 4: Dose checking

### Input:

1. A number in mg representing a single dose of the drug.
2. A number representing the number of single doses per day.

### Tests:

1. Test for inputs where the single dose is correct but the frequency is too high.
2. Test for inputs where the single dose is too high and too low.
3. Test for inputs where the single dose \* frequency is too high and too low.
4. Test for inputs where single dose \* frequency is in the permitted range.

### Output:

OK or error message indicating that the dose is outside the safe range.