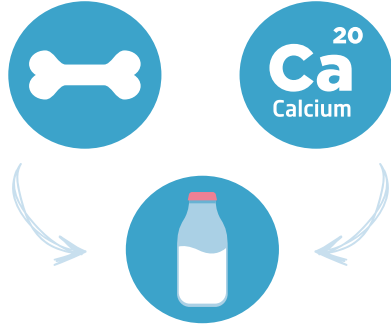


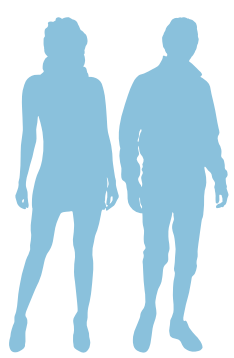
CALCIUM FORTIFICATION



Dietary Calcium

Is essential to maintain healthy bones and prevent chronic diseases

RECOMMENDED DAILY CALCIUM INTAKE BASED ON AGE



According to WHO, the average* (adult) person needs
*average = male or female, aged 19 to 55

1,000mg

but if you're not average, you could need



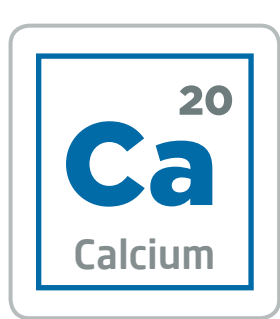
Not enough calcium?

2/3 of the population

Less than two thirds of population consume the Calcium RDA



CALCIUM FORTIFICATION



One of the most effective recognized ways for the prevention of calcium deficiency is **food fortification**.

However there are some **problems associated to calcium fortification** such as:

- Poor dispersibility
- Animal source of calcium
- Low bioavailability
- Low calcium concentration

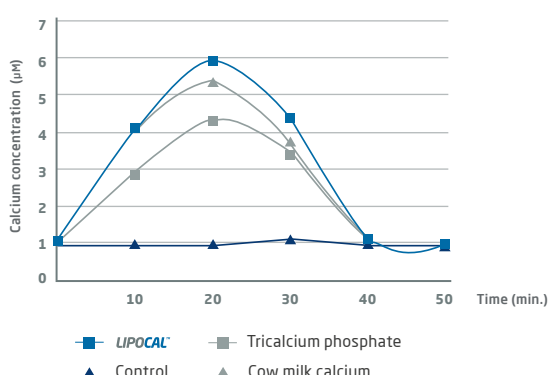
LIPOCAL™

LIPOFOODS TECHNOLOGICAL SOLUTION FOR AN EASY CALCIUM FORTIFICATION

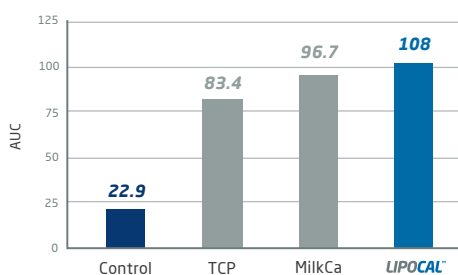
HIGHLY BIOAVAILABLE SOURCE OF CALCIUM

BENEFITS AND EFFICACY

LIPOCAL™ BIOAVAILABILITY IN GUINEA PIGS

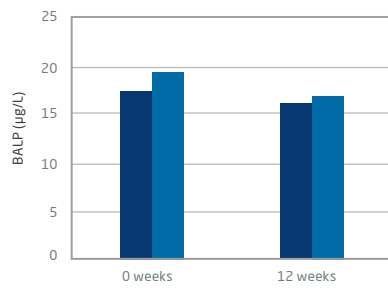


A FASTER INCREASE IN CALCIUM BLOOD CONCENTRATION IN ANIMALS FED WITH LIPOCAL™ WAS SHOWN

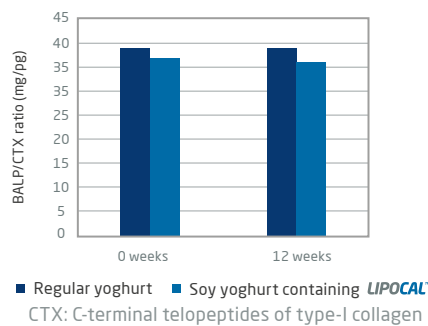


LIPOCAL™ IS A HIGHLY BIOAVAILABLE CALCIUM SOURCE
Results showed that LIPOCAL™ is 41% more bioavailable than TCP and 15% than Milk Calcium

LIPOCAL™ EFFICACY ON BONE METABOLISM IN MENOPAUSAL WOMEN



LIPOCAL™ IS A HIGHLY BIOAVAILABLE CALCIUM SOURCE
The fortified yoghurt with LIPOCAL™ showed a similar activity in bone formation compared to regular yoghurt, as evidenced by the bone biomarker BALP data



SIMILAR BEHAVIOUR IN BONE REMODELLING WAS OBSERVED
BALP/CTX ratio remained unchanged during the study in the LIPOCAL™ group compared to the control one

APPLICATIONS



- Improved dispersibility
- More bioavailable
- High calcium concentration
- Non-animal source