

# MEASURING HOW MUCH 4LIFE TRANSFER FACTOR® CHEWABLE TRI-FACTOR® FORMULA IS SAFE FOR CONSUMPTION\*

Technical White Paper

Burbano, Z. & Sarmiento, Q.F.G.

4Life Research, Sandy, Utah

## OBJECTIVE

To determine whether a single high oral dose of 4Life Transfer Factor Chewable Tri-Factor Formula is safe.\*

## BACKGROUND

Oral acute safety testing, as described in international guidelines, is a recommended test for any product entering the market. This study evaluates the safety of products that might be ingested orally at doses higher than recommended on the label.\*

Data is collected from laboratory animals to assess a product's safety before it is sold for human consumption.

## STUDY

Mice received a single oral dose of 2,000 mg/kg body weight of 4Life Transfer Factor Chewable Tri-Factor Formula. Animals were observed for 14 days.

## RESULTS AND DISCUSSION

4Life Transfer Factor Chewable Tri-Factor produced no observable toxicity as assessed by body weight; mortality; histopathology of the brain, liver, kidneys, or lungs; and clinical signs (aggression, lethargy, breathing difficulties, diarrhea, mobility, or shivering).\*

## CONCLUSION

A conclusion was reached that 4Life Transfer Factor Chewable Tri-Factor Formula may be considered safe for humans. Data suggest 2,000 mg/kg rat body weight is safe. According to dose translation from animals to humans, this dose is equivalent to 22,700 mg per person who weighs 70 kg (154 lbs). This is equivalent to a single intake of 37 servings of 4Life Transfer Factor Chewable Tri-Factor Formula.\*

