

# Thermo Scientific Trutol® Glucose Tolerance Beverages



**Used to screen for hyperglycemia (diabetes mellitus and gestational diabetes) and hypoglycemia (low blood sugar), Thermo Scientific Trutol has been around for over 40 years and is the market leader. Available in plastic and glass bottles, carbonated and non-carbonated formulas, 50, 75 & 100 gram concentrations, and orange, lemon-lime, fruit punch, and cola flavors.**

The screening entails administering a precise dose of glucose and then testing the level of glucose in the patient's blood at specific time intervals. These caffeine-free beverages are manufactured to meet FDA standards and are certified kosher. Volume graduations are imprinted on the label to aid in dispensing smaller quantities. Our Pediatric dosage chart lists pre-calculated dosages based on body weight.

## Plastic Bottles

Thermo Scientific Trutol is now available in plastic bottles with a choice of orange, lemon-lime and fruit punch flavors and 50, 75 and 100 gram concentrations. The safe and shatterproof plastic bottles are packaged in economical 24-bottle cases, conveniently shrink-wrapped in 6-packs. The beverages are non-carbonated, ready-to-use, and have a 24-month expiration date.

## Glass Bottles

The original Thermo Scientific Trutol is still available in glass bottles with a choice of orange, lemon-lime and cola flavors and 50, 75 and 100 gram concentrations. The beverages are packaged in 12-bottle cases and have a 24-month expiration date. They are carbonated and ready-to-use.

# Guidelines & Ordering Information

## Dosage Guidelines

**100 GRAM GTT:** For use in the diagnosis of glucose intolerance in the evaluation of gestational diabetes mellitus in **pregnant women**.

**75 GRAM GTT:** For use in the diagnosis of glucose intolerance in the evaluation of diabetes mellitus and related disease conditions in **non-pregnant adults** and **children**. (1.75 g/kg ideal body weight for children. Not to exceed 75 g. See chart below).

**50 GRAM GTT:** For use in the detection of (or screening for) glucose intolerance in the evaluation of gestational diabetes mellitus in **pregnant women**.

| Ideal Body Weight |       | 75g Concentration |     | 100g Concentration |     |
|-------------------|-------|-------------------|-----|--------------------|-----|
| lb.               | kg    | oz.               | ml  | oz.                | ml  |
| 94                | 42.7+ | 10.0              | 295 | 7.5                | 221 |
| 90                | 40.9  | 9.5               | 283 | 7.2                | 212 |
| 85                | 38.6  | 9.0               | 267 | 6.8                | 200 |
| 80                | 36.4  | 8.5               | 251 | 6.4                | 188 |
| 75                | 34.1  | 8.0               | 235 | 6.0                | 177 |
| 70                | 31.8  | 7.4               | 220 | 5.6                | 165 |
| 65                | 29.5  | 6.9               | 204 | 5.2                | 153 |
| 60                | 27.3  | 6.4               | 188 | 4.8                | 141 |
| 55                | 25.0  | 5.8               | 173 | 4.4                | 130 |
| 50                | 22.7  | 5.3               | 157 | 4.0                | 118 |
| 45                | 20.5  | 4.8               | 141 | 3.6                | 106 |
| 40                | 18.2  | 4.2               | 125 | 3.2                | 94  |
| 35                | 15.9  | 3.7               | 110 | 2.8                | 82  |
| 30                | 13.6  | 3.2               | 94  | 2.4                | 71  |
| 25                | 11.4  | 2.7               | 78  | 2.0                | 59  |
| 20                | 9.1   | 2.1               | 63  | 1.6                | 47  |

Reference: Therapy for Diabetes Mellitus and Related Disorders, pp. 20-21, American Diabetes Association, 1998.

## Ordering Information

### Plastic

|              |             |          |                        |
|--------------|-------------|----------|------------------------|
| Cat. 401207P | Orange      | 100 gram | 24x10 fl. oz. (296 mL) |
| Cat. 401009P | Lemon-lime  | 100 gram | 24x10 fl. oz. (296 mL) |
| Cat. 401503P | Fruit Punch | 100 gram | 24x10 fl. oz. (296 mL) |
| Cat. 401223P | Orange      | 75 gram  | 24x10 fl. oz. (296 mL) |
| Cat. 401025P | Lemon-lime  | 75 gram  | 24x10 fl. oz. (296 mL) |
| Cat. 401526P | Fruit Punch | 75 gram  | 24x10 fl. oz. (296 mL) |
| Cat. 401272P | Orange      | 50 gram  | 24x10 fl. oz. (296 mL) |
| Cat. 401074P | Lemon-lime  | 50 gram  | 24x10 fl. oz. (296 mL) |
| Cat. 401576P | Fruit Punch | 50 gram  | 24x10 fl. oz. (296 mL) |

### Glass

|             |            |          |                        |
|-------------|------------|----------|------------------------|
| Cat. 401207 | Orange     | 100 gram | 12x10 fl. oz. (296 mL) |
| Cat. 401009 | Lemon-lime | 100 gram | 12x10 fl. oz. (296 mL) |
| Cat. 401405 | Cola       | 100 gram | 12x10 fl. oz. (296 mL) |
| Cat. 401223 | Orange     | 75 gram  | 12x10 fl. oz. (296 mL) |
| Cat. 401025 | Lemon-lime | 75 gram  | 12x10 fl. oz. (296 mL) |
| Cat. 401421 | Cola       | 75 gram  | 12x10 fl. oz. (296 mL) |
| Cat. 401272 | Orange     | 50 gram  | 12x10 fl. oz. (296 mL) |
| Cat. 401074 | Lemon-lime | 50 gram  | 12x10 fl. oz. (296 mL) |
| Cat. 401470 | Cola       | 50 gram  | 12x10 fl. oz. (296 mL) |