

# AuRx<sup>®</sup>

NATURAL BUTYRIC ACID MADE POSSIBLE



The Gold Standard  
Medical Food for  
Autism Spectrum



## THE GUT-BRAIN NUTRITIONAL IMBALANCE IN CHILDREN WITH AUSTIM SPECTRUM DISORDER

In children who have Autism Spectrum Disorder (ASD), studies have shown that the metabolism of fiber in their gastrointestinal tract produces abnormally high amounts of the short-chain fatty acid, Propionic Acid. This results in high levels of Propionate crossing the blood-brain barrier, which can create a toxic environment that adversely impacts gut-brain development and function. A further concern is that the altered microbiota of ASD patients produces an insufficient level of Butyric Acid, causing a further imbalance in the child's short-chain fatty acid profile.

ASD children with nutritional gut-brain imbalances experience general gastrointestinal (GI) issues, including constipation, diarrhea, and abdominal pain. GI conditions can overlap with ASD core symptoms that contribute to alterations in behavior, cognition, language impairment, and sleep disturbance.<sup>1</sup>



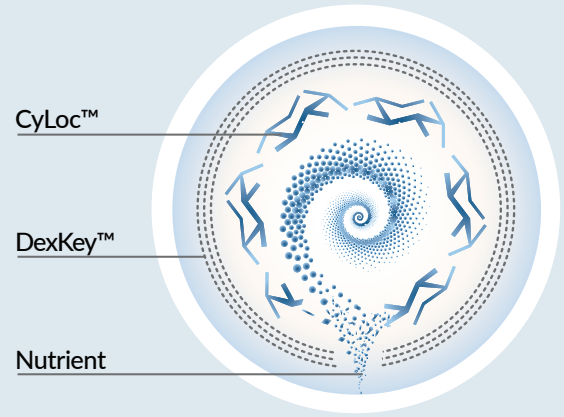
## UNPRECEDENTED BUTYRIC ACID DELIVERY

Tesseract Medical Research has developed an unprecedented delivery technology system that allows natural Butyric Acid, a once unpalatable nutrient, to now become a therapeutic reality – directly transporting active ingredients safely into the intestinal tract, releasing them one molecule at a time for maximum absorption. This is how Tesseract's new AuRx medical food replenishes inadequate Butyric Acid supplies to reduce Propionic Acid production and toxicity.

## POWERED BY TESSERACT'S UNPRECEDENTED NUTRIENT DELIVERY

Tesseract's proprietary nano-delivery science utilizes CyLoc™ technology, which allows nutrients to pass through the stomach where acid can degrade the integrity of the nutrients. Tesseract's DexKey™ technology accompanies each molecule and breaks the dextrin fiber cage at the desired release point in the intestinal tract.

Tesseract's transport system allows natural Butyric Acid, an unpalatable, yet metabolically critical substance, to maximally absorbed to provide a more powerful and immediate physiological response with much lower doses.



## AURX'S THERAPEUTIC BENEFITS

- + Stabilizes the Butyric Acid Complex
- + Palatable taste optimizes patient compliance
- + Superior solubility, bioavailability, and maximum absorption
- + Strategic SCFA delivery to the intestinal tract in single-molecule form
- + Provides specific nutritional requirements for ASD patients with SCFA gut microbiome deficiencies



### SUGGESTED USE

Mix 1-2 scoops in water, juice, or applesauce two times daily, or as directed by your physician. Consume within 30 minutes. Do not heat.

**AuRx™ IS A MEDICAL FOOD INTENDED FOR USE UNDER MEDICAL SUPERVISION**

**Serving Size: One Scoop (approx: 825 mg)  
Servings Per Container: 68**



Ingredients: CyLoc™ alpha dextrin fiber matrix, butyric acid complex\*, plant amylase. \*Stabilized Butyric acid as soluble, pure, individual free fatty acid in a dextrin fiber matrix molecular trap compounded with DexKey™ release agent (patent pending, Al Czap, Czap R&D, licensed by Tesseract Medical Research, LLC). CyLoc™ and DexKey™ are trademarks of Tesseract Medical Research.

**PRODUCT ORDER CODE**  
AuRx | GI010



### SAFETY

Tesseract's unique and patent-pending technology provides previously unavailable nano-delivery of safe, yet therapeutic doses of Butyric Acid to support imbalances in the gut-brain axis. The ingredient in AuRx Medical Food is GRAS - (generally regarded as safe) approved substance.

**THIS PRACTITIONER SHEET IS INTENDED ONLY FOR THE USE OF TESSERACT MEDICAL RESEARCH'S HEALTH-CARE PRACTITIONER-CUSTOMERS. THE INFORMATION IN THIS PRACTITIONER SHEET IS INTENDED ONLY FOR A PROFESSIONAL AUDIENCE. THEREFORE, PLEASE DO NOT DISTRIBUTE COPIES OF THIS PRACTITIONER SHEET TO YOUR PATIENTS.**

## AURX POSITIVELY IMPACTS CHILDREN

### SEEING SUCH IMPROVEMENT!

After about a month I started seeing such a behavioral difference in my two-year-old son! He is non-verbal and autistic and has outbursts when I don't understand what he needs. His outbursts have become less violent and don't last as long.

- Trevor (Amazon)

### DID WONDERS FOR MY DAUGHTER

It did wonders for my daughter. She has such an attitude change, as well as now being able to potty all on her own.

- Douglas D. (Amazon)

### REFERENCE

1. J. Wasilewska, M. Klukowski. *Pediatric Health Med Ther.* 2015; 6: 153-166.



**TESSERACT**  
Medical Research®

Proven Molecules, Optimal Delivery

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