

TECHNICAL SPECS

Lathell Nutraceuticals LLC

Product Specifications • Safety Documentation • Regulatory Alignment

The Lathell Nutraceuticals Technical Specifications portal provides structured technical information for partners, institutions, and regulators requiring detailed product data, quality documentation, and compliance materials.

This section supports:

- Distributors and importers
 - Food & beverage manufacturers
 - Hospitals and institutions
 - Government and NGO programs
 - Regulatory consultants
 - Manufacturing partners
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DOCUMENT TYPES AVAILABLE

The following technical documents are issued per product or ingredient line:

- Product specification sheets
- Ingredient composition summaries
- Certificates of Analysis (COAs)
- Safety data summaries
- Shelf-life and stability data
- Packaging specifications
- Storage and handling instructions
- Regulatory positioning summaries
- Bulk material specifications

Documents are provided in:

- PDF format
 - Controlled release versions
 - Partner-access distribution
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INGREDIENT & FORMULATION STANDARDS

Lathell products are formulated using:

- Traceable raw materials
- Verified botanical and nutritional sources
- Identity-tested inputs

- Batch-controlled manufacturing
- Stability-tested blends

Formulation standards emphasize:

- Biological compatibility
 - Conservative dosing architecture
 - Multi-pathway support
 - Long-term safety
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FUNCTIONAL INGREDIENT PLATFORMS

SAFE SUGAR™

Technical data includes:

- Physical form: crystalline powder
- Functional use: sugar replacement
- Glycemic behavior: very-low-glycemic
- Solubility profile
- Shelf life
- Moisture specifications
- Bulk packaging formats

SAFE SALT™

Technical data includes:

- Sodium content variants (0% and reduced sodium)
 - Particle size range
 - Solubility behavior
 - Taste profile equivalence
 - Bulk and consumer formats
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FINISHED PRODUCT TECHNICAL DATA

Each finished nutraceutical product includes:

- Product identity
- Ingredient list
- Dosage format
- Capsule or powder specifications
- Stability profile
- Shelf-life range
- Packaging format
- Storage conditions

Product families include:

- Metabolic support
 - Kidney and urinary health
 - Gout and uric acid
 - Cardiovascular support
 - Sleep and mood
 - Longevity and aging
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DEVICE TECHNICAL OVERVIEW

BioAge™ Device

Technical documentation includes:

- Functional description
- Output parameters
- Measurement basis
- Power requirements
- Operating environment
- Data handling summary

BSS™ (Bio-Signal Stability Scanner)

Technical documentation includes:

- System architecture
 - Measurement concept
 - Stability output models
 - Deployment environment
 - Institutional use framework
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QUALITY CONTROL & TESTING

Lathell quality systems include:

- Incoming raw material verification
- Batch-level testing
- Identity confirmation
- Purity testing
- Microbial screening
- Heavy metal screening
- Stability validation

Each production batch is supported by:

- Certificate of Analysis
- Lot tracking
- Controlled release procedures

STORAGE & HANDLING

Typical requirements:

- Cool, dry storage
- Protection from moisture
- Sealed packaging
- FIFO inventory handling
- Shelf-life monitoring

Bulk materials include:

- Palletized packaging
 - Tamper-evident sealing
 - Batch labeling
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REGULATORY ALIGNMENT

Lathell products are developed under:

- U.S. dietary supplement guidelines
- cGMP manufacturing standards
- Ingredient GRAS frameworks (where applicable)
- Conservative labeling standards
- International export readiness

We provide:

- Regulatory summaries
 - Ingredient compliance statements
 - Import support documentation
 - Customs-ready descriptions
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BULK SUPPLY TECHNICAL DATA

Bulk technical packages include:

- Material specification sheets
- COAs
- Packaging format
- Pallet configuration
- MOQ definitions
- Lead time estimates
- Shipping conditions

Used for:

- Food & beverage reformulation
 - Institutional nutrition
 - Government procurement
 - Manufacturing integration
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ACCESS & RELEASE PROTOCOL

Technical documents are released:

- Upon partner qualification
- Under NDA when required
- Per product or program request
- Through controlled email or portal

This ensures:

- Data integrity
 - IP protection
 - Regulatory control
 - Commercial alignment
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TECHNICAL SUPPORT

Lathell provides technical support for:

- Product integration
- Reformulation assistance
- Bulk ingredient use
- Storage and handling
- Institutional deployment

Support channels:

- Email-based technical inquiries
 - Documentation packages
 - Program coordination
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TECHNICAL CONTACT

For technical documentation requests:

Please include:

- Organization name
- Country
- Product(s) requested

- Intended application
- Estimated volume (if bulk)

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DISCLAIMER

Technical documents are provided for professional and institutional use only.

This portal does not provide medical advice or diagnostic services.

All product use must comply with local regulatory requirements.