

Optimize the purity and ensure consistent quality of your amino acids

A trusted partner for all nutritional applications

Rexiva[®]



Amino acids are the building blocks of life.

Never compromise on their quality or purity in your nutritional applications



MEDICAL ENTERAL NUTRITION

Amino acids are used when a standard protein such as whey or milk-based sources cannot be digested. Various amino acids are available for applications including:

- High calorie drinks
- Meal replacements
- Formulas
- Tube feeding

INFANT NUTRITION

When standard infant sources such as cow or soy milk fall short, a range of amino acids are available to help address specific formulation needs including:

- Babies with food allergies such as lactose intolerance
- Premature babies to support growth and immune system development

Place your trust in Evonik.

We are a leading global partner and preferred supplier of amino acids



DIETARY SUPPLEMENTS

Amino acids such as Aspartic acid, L-Tryptophan and L-Proline, as well as related products such as Arginine salts and L-Ornithine-L-aspartate are used across multiple nutraceutical applications, such as:

- Fatigue prevention
- Neurotransmitters
- Ammonia detoxification
- Sleep improvement
- Cardiovascular health
- Nutricosmetics and cosmeceuticals

ACTIVE LIFESTYLE SUPPORT

Sport plays an important role in a healthy lifestyle. Our products address the requirements of active people:

- Prevention of fatigue after training (e.g. L-Ornithine-L-aspartate, L-Valine, L-Leucine)
- Ammonia detoxification of the body (e.g. L-Ornithine-L-aspartate, Arginine salts)
- Stimulation of protein synthesis (e.g. L-Valine, L-Leucine)
- Muscle growth (e.g. L-Valine, L-Leucine)

A broad portfolio of highly pure amino acids.

Manufactured to the highest quality standards at sites you can trust



Evonik is the world's leading European-based supplier of essential and non-essential amino acids for pharmaceutical and nutritional applications, with more than 60 years of experience.

Our REXIVA® amino acids are highly purified and suitable for all nutritional applications including those developed for infants.

OUR CATALOG INCLUDES	CAS NO	OUR CATALOG INCLUDES	CAS NO
DL-Methionine	59-51-8	L-Methionine	63-68-3
Glycine	56-40-6	L-Ornithine-L-aspartate	3230-94-2
L-Alanine	56-41-7	L-Phenylalanine	63-91-2
L-Arginine-L-aspartate	7675-83-4	L-Proline	147-85-3
L-Aspartic acid	56-84-8	L-Serine	56-45-1
L-Leucine	61-90-5	L-Threonine	72-19-5
L-Lysine Acetate	57282-49-2	L-Tryptophan	73-22-3
L-Lysine hydrochloride	657-27-2	L-Valine	72-18-4
L-Lysine-L-aspartate	27348-32-9	N-Acetyl-L-methionine	65-82-7
L-Lysine-L-glutamate dihydrate	5408-52-6		

Evonik's global network of sites used in the manufacturing and processing of our amino acids are FDA-audited and certified to ISO 9001, 14001 and 22000. A range of world-class

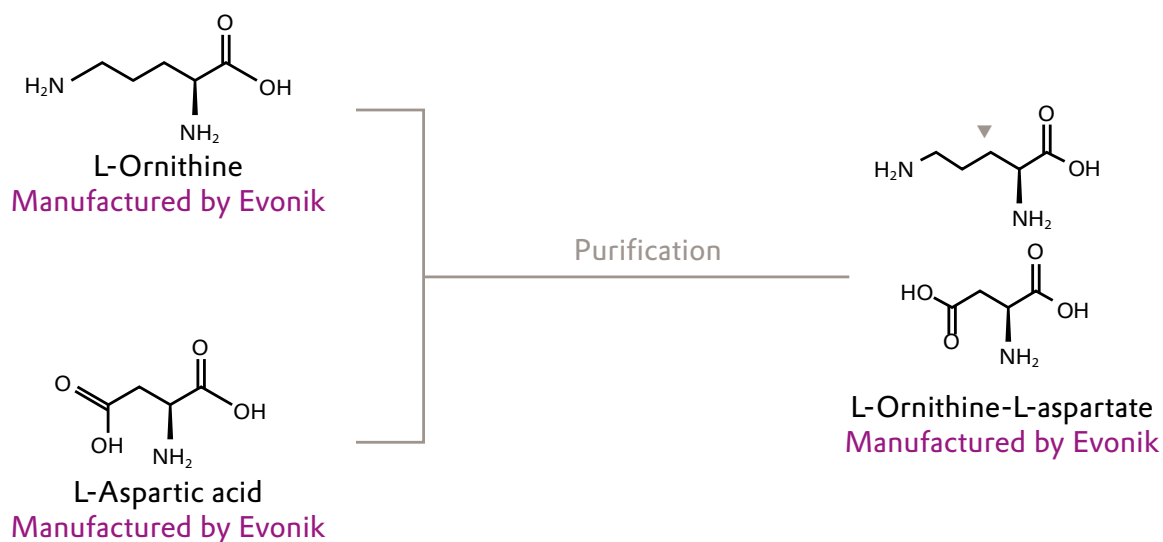
technologies are also utilized to separate complex mixtures, and to purify amino acids to the highest quality standards.

Supply security at any scale.

Strong backward integration with batch size options from kilos to multi-ton

For many of our amino acids such as L-Methionine, L-Serine and L-Proline, we are strongly backward and forward integrated across sourcing, manufacturing and logistics.

Such extensive integration can not only help to strengthen your supply security, but ensures consistent quality at any scale.



EXTENSIVE MANUFACTURING, PROCESSING AND REGULATORY EXPERTISE

Evonik has extensive expertise in the manufacturing and processing of amino acids and is backed by a strong history of excellence in adhering to the highest quality grades required by the nutrition industry:

- Specifications in compliance with USP, FCC, Codex Alimentarius
- Compliant with EU regulation 1881/2006 contaminants as well as with the regulation 178/2002 for general food law and the regulation 852/2004 for food hygiene
- Full control and compliance of all quality parameters (purity, microbiology, heavy metals, etc.)
- Non-GMO
- Non-animal origin
- Kosher and halal certification
- Statements on allergens, residual solvents and BSE / TSE are available
- HACCP system in place
- Certified ISO 9001, 14001 and 22000
- Site registration at FDA and ANSM

Evonik is more than just a preferred supplier.

We are one of the world's leading partners for developing and scaling your oral solid dosage forms

FUNCTIONAL COATINGS FOR DIETARY SUPPLEMENTS

Leverage decades of formulation development and functional coating expertise to create differentiated and consumer-preferred solid oral dosage forms with a variety of colors, flavors and active ingredients.



Taste and odor masking



Moisture protection



Sustained release



**Delayed release
in the small intestine**



**Delayed release
to the colon**

EXPERTISE ACROSS A RANGE OF DOSAGE FORMS INCLUDING



EFFERVESCENT FORMULATIONS

Easy to dissolve in water, and with an appealing taste and feel for comfortable swallowability and improved compliance



CHEWABLE TABLETS

When swallowing is not an option, these convenient, effective systems ensure a pleasant feel and taste in the mouth



RAPID MELT GRANULES

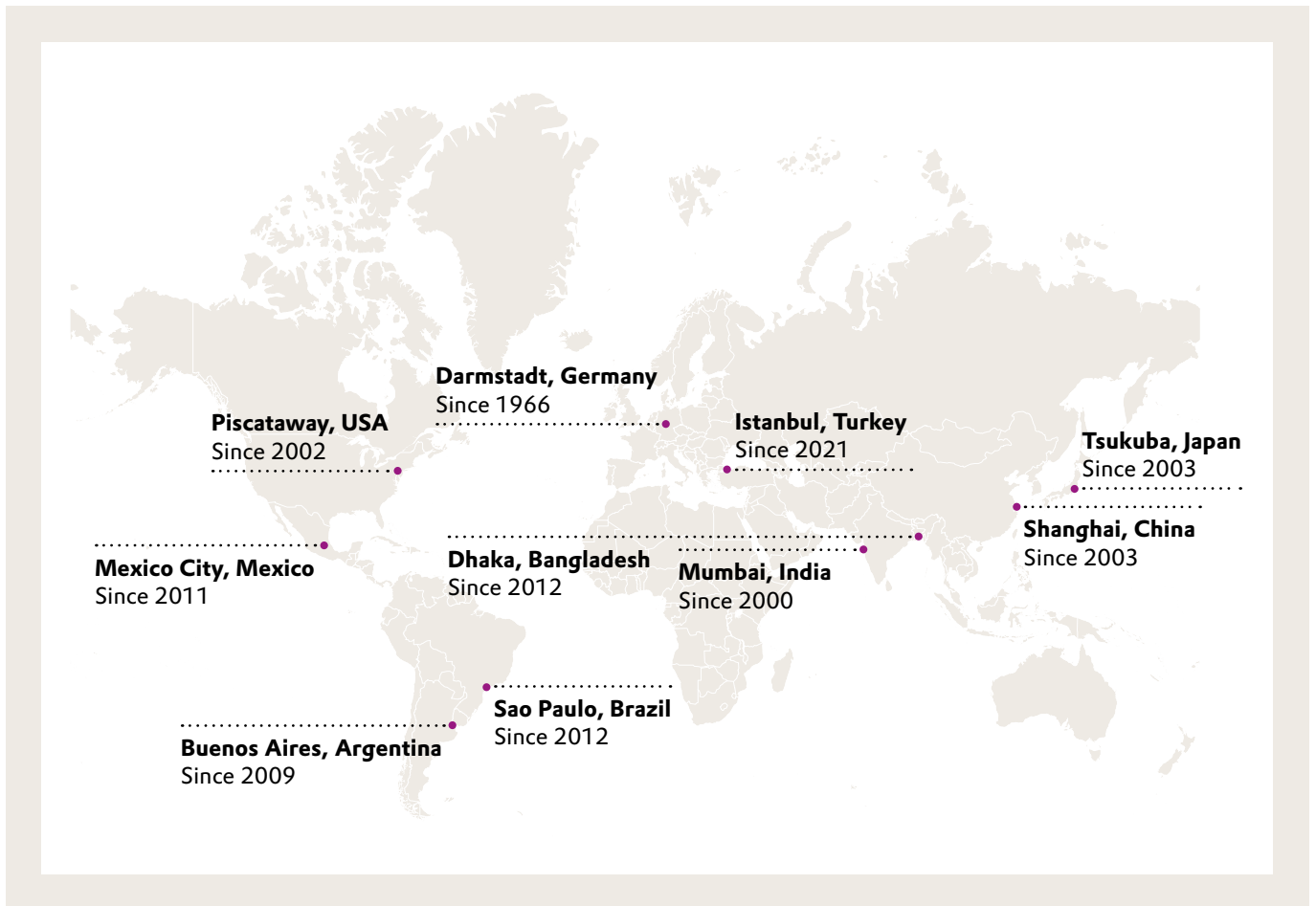
High concentration granules containing no sugars, which dissolve in the buccal cavity in seconds

Responsive, reliable technical support.

Our global network of formulation and application labs is equipped with teams with strong technical expertise

Ten formulation and application labs worldwide provide you with the scientific knowledge, analytical equipment and scale-up expertise to overcome virtually any development

or manufacturing challenge until the final dosage form is in your hands.



Our development services include all steps from early feasibility studies to the development of technical or HACCP compliant samples, and onto commercial scale-up and technical transfer.

To find out more about the seamless support that we can offer, visit oncare.evonik.com or email healthcare@evonik.com

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