Human Milk Oligosaccharides (HMOs)
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<table>
<thead>
<tr>
<th>Product and Description</th>
<th>Certifications</th>
<th>Pack Size (kg)</th>
<th>Product Code</th>
<th>Form</th>
<th>Main Application</th>
<th>Specific Application</th>
<th>Shelf Life</th>
<th>Purity Level</th>
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<tbody>
<tr>
<td>GlyCare™ 2FL 9000</td>
<td>♦</td>
<td>20</td>
<td>50 1635 2</td>
<td>Amorphous Powder</td>
<td>Pharma reg. OTC/Rx</td>
<td></td>
<td>5 years</td>
<td>At least 94%</td>
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<tr>
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<td>50 1636 1</td>
<td></td>
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<td>5 years</td>
<td>At least 92%</td>
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<tr>
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<td>20</td>
<td>50 1636 2</td>
<td></td>
<td></td>
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<td>At least 92%</td>
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<td>At least 92%</td>
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<td>50 1669 8</td>
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<td>At least 85%</td>
</tr>
</tbody>
</table>

Available upon regional regulatory approval. † Available for Early Life Nutrition per January 1st 2023.

ADDITIONAL INFORMATION | HMOs

ROLE:
HMOs are a collection of carbohydrate structures, naturally occurring in breast milk.

FOOD SOURCES:
HMOs are classified as nature-identical.

HEALTH BENEFITS & SOLUTIONS:
Optimize your immunity, Improve your gut health, with a potential role in Empower your mind.
**LABELING**

**KOSHER AND HALAL CERTIFICATION**
Typically our products have Kosher (OU) and the main Halal certifiers (IFANCA, HFCE, MUI). We occasionally use other certification organization as well, but these are typically for special cases or back-up. Information about the other available certificates may be available upon request.

**SPECIFIC PRODUCT INFORMATION**
Product Data Sheets and Safety Data Sheets are available for all products listed in this catalogue. They contain information on product description and identification, specification and stability and storage conditions.

Some of the listed products are used either as vitamins (nutrients / Active Pharmaceutical Ingredients / excipients) or as food additives for technological purposes; some of them serve both purposes and are authorized in most countries. However, there are local regulations according to which their use may be restricted. It is therefore advisable to consult the corresponding regulation.

For further information on our products (local availability and prices), please contact the DSM Nutritional Products’ office nearest to you or one of the addresses listed on the back cover.

**RSPO CERTIFICATION**
DSM made a commitment in 2013 to source all palm oil and palm oil derivatives in a sustainable manner by either using GreenPalm certificates under “Book & Claim” scheme or Mass Balance certification.
With our broad service offerings, customers get an integrated partner, from concept to consumer.

**PRODUCTS**
- Active pharmaceutical ingredients (APIs)
- Carotenoids
- Digestive enzymes
- Human milk oligosaccharides (HMOs)
- Hydrocolloids
- Nutraceuticals
- Nutritional lipids
- Probiotics and prebiotics
- Vitamins

**CUSTOMIZED SOLUTIONS**
- Coloration solutions
- Market-ready solutions
- Personalized nutrition solutions
- Premix solutions
- Shelf-life solutions

**EXPERT SERVICES**
- Application and technical services
- Innovation and R&D services
- Insights and marketing services
- Regulatory and quality services
- Scientific services

Our products can make yours stronger. Learn how at [DSM-Products.com](https://www.DSM-Products.com).