



SYNBIO TECH INC.

No.66, Beiling 6th Rd., Luzhu Dist., Kaohsiung City 821, Taiwan(R.O.C.)  
(Kaohsiung Science Park, Southern Taiwan Science Park)

TEL : +886-7-6955680 FAX : +886-7-6955713

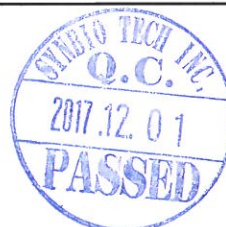
Date : 01/12/2017(DD/MM/YY)

Certificate of Analysis

Product	<i>Bifidobacterium bifidum</i> 40bn																													
Lot No.	171128																													
Manufacture date	28/11/2017(DD/MM/YY)	Expiry date	27/11/2019(DD/MM/YY)																											
	<table border="1"> <thead> <tr> <th>Item</th> <th>Specification</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>Appearance</td> <td>white~Light yellow powder</td> <td>white~Light yellow powder</td> </tr> <tr> <td>Total count of lactic acid bacteria</td> <td><math>\geq 4.0 \times 10^{10}</math> cfu/g</td> <td><math>4.5 \times 10^{10}</math> cfu /g</td> </tr> <tr> <td>Mold &amp; Yeast</td> <td><math>&lt;10^2</math> cfu/g</td> <td><math>&lt;10^2</math> cfu/g</td> </tr> <tr> <td>Coliforms/<i>E. coli</i></td> <td>Negative</td> <td>Negative</td> </tr> <tr> <td><i>S. aureus</i></td> <td>Negative</td> <td>Negative</td> </tr> <tr> <td><i>Salmonella</i></td> <td>Negative</td> <td>Negative</td> </tr> <tr> <td><i>L. monocytogenes</i></td> <td>Negative</td> <td>Negative</td> </tr> <tr> <td>Moisture Content (105°C)</td> <td>&lt;6%</td> <td>3.1%</td> </tr> </tbody> </table>			Item	Specification	Result	Appearance	white~Light yellow powder	white~Light yellow powder	Total count of lactic acid bacteria	$\geq 4.0 \times 10^{10}$ cfu/g	$4.5 \times 10^{10}$ cfu /g	Mold & Yeast	$<10^2$ cfu/g	$<10^2$ cfu/g	Coliforms/ <i>E. coli</i>	Negative	Negative	<i>S. aureus</i>	Negative	Negative	<i>Salmonella</i>	Negative	Negative	<i>L. monocytogenes</i>	Negative	Negative	Moisture Content (105°C)	<6%	3.1%
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Moisture Content (105°C)	<6%	3.1%																												
Result	Qualified																													
Note																														

Approbate :

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171201



Verifier :

*[Handwritten signature]*  
171201



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Date : 01/12/2017(DD/MM/YY)

Certificate of Analysis

Product	<i>Bifidobacterium breve</i> 300bn																													
Lot No.	171123																													
Manufacture date	23/11/2017(DD/MM/YY)	Expiry date	22/11/2019(DD/MM/YY)																											
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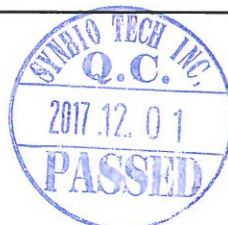
Date : 01/12/2017(DD/MM/YY)

Certificate of Analysis

Product	<i>Bifidobacterium infantis</i> 100bn																													
Lot No.	171123																													
Manufacture date	23/11/2017(DD/MM/YY)	Expiry date	22/11/2019(DD/MM/YY)																											
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<i>L. monocytogenes</i>	Negative	Negative																												
Moisture Content (105°C)	<6%	2.5%																												
Result	Qualified																													
Note																														

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17/12/01



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Date : 01/12/2017(DD/MM/YY)

Certificate of Analysis

Product	<i>Bifidobacterium longum</i> 100bn																													
Lot No.	171107																													
Manufacture date	07/11/2017(DD/MM/YY)	Expiry date	06/11/2019(DD/MM/YY)																											
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<i>L. monocytogenes</i>	Negative	Negative																												
Moisture Content (105°C)	$< 6\%$	3.3%																												
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Date : 01/12/2017(DD/MM/YY)

Certificate of Analysis

Product	<i>Lactobacillus acidophilus</i> 100bn																													
Lot No.	171130																													
Manufacture date	30/11/2017(DD/MM/YY)	Expiry date	29/11/2019(DD/MM/YY)																											
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 17/12/01



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Date : 01/12/2017(DD/MM/YY)

Certificate of Analysis

Product	<i>Lactobacillus paracasei</i> 300bn																													
Lot No.	171130																													
Manufacture date	30/11/2017(DD/MM/YY)	Expiry date	29/11/2019(DD/MM/YY)																											
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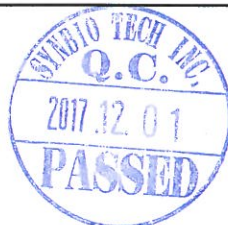
Date : 01/12/2017(DD/MM/YY)

Certificate of Analysis

Product	<i>Lactobacillus plantarum</i> 500bn																													
Lot No.	171121																													
Manufacture date	21/11/2017(DD/MM/YY)	Expiry date	20/11/2019(DD/MM/YY)																											
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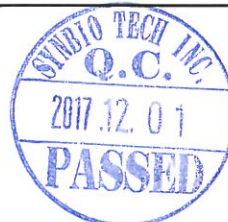
Date : 01/12/2017(DD/MM/YY)

Certificate of Analysis

Product	<i>Lactobacillus rhamnosus</i> 300bn																													
Lot No.	171124																													
Manufacture date	24/11/2017(DD/MM/YY)	Expiry date	23/11/2019(DD/MM/YY)																											
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Result	Qualified																													
Note																														

Approbate :

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 171201



Verifier :

*[Handwritten signature]*  
 171201





SYNBIO TECH INC.  
 No.66, Beiling 6th Rd., Luzhu Dist., Kaohsiung City 821, Taiwan(R.O.C.)  
 (Kaohsiung Science Park, Southern Taiwan Science Park)

TEL : +886-7-6955680 FAX : +886-7-6955713

Date : 01/12/2017(DD/MM/YY)

Certificate of Analysis

<b>Product</b>	<i>Streptococcus thermophilus</i> 200bn																													
<b>Lot No.</b>	171123																													
<b>Manufacture date</b>	23/11/2017(DD/MM/YY)	<b>Expiry date</b>	22/11/2019(DD/MM/YY)																											
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## Material Safety Data Sheets (MSDS)

– *Lactobacillus bulgaricus*

### Section 1: Product and Company Identification

Product Name : *Lactobacillus bulgaricus*

Application : Health food, food products, or other relevant fields

Use : A single strain probiotic powder containing live beneficial lactic acid bacteria

Appearance : Light Yellow Powder

Company : SYN BIO TECH INC.

Tel : +886-7-695-5680

### Section 2: Composition and Information on Ingredients

Active Compound : Lactic acid bacteria

Terminology : Lactic acid bacteria

Hazchem : None Allocated

Exposure Standards : Unknown

### Section 3: Hazards Identification

The strain powder was made by the specialized treatments like encapsulization and lyophilization as being weak acid of powder but not cause corrosive; the product dust may be released with inappropriate handlings, but the dust is safe for human if inhaled.

Please see Section 6 and 7 for the appropriate handlings.

### Section 4: First Aid Measures

No Data

### Section 5: Fire and Explosion Data

Fire and Explosion Controls : None specific requirement

Fire Fighting Media : Water, Foam

Fire and Explosion Hazards in Presence of Various Substances: Not Available



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## **Section 6: Accidental Release Measures**

Clean away the spilled powder which is no hazard for human body

## **Section 7: Handling and Storage**

Avoid break package apart; keep package dry

## **Section 8: Insurance and Personal Protection**

Not Available

## **Section 9: Physical and Chemical Properties**

Physical State and Appearance : Light Yellow Powder

Odor : Slightly fermentation smell

The PH, Boiling point, Melting point, Flash point, Ignition point,  
Vapor pressure, Bulk Density, and Solubility, are irrelative to safety.

Please see the product information for details.

## **Section 10: Stability and Reactivity Data**

Stability : The product is stable

Conditions of Instable : Not Available

Incompatibility with Various Substances : Not Available

Presence of Harmful Substances : Not Available

## **Section 11: Toxicological Information**

All lactic acid strain cultures used are considered as GRAS (Generally Recognized as Safe) by nations, and they are edible and not poisonous.

## **Section 12: Ecological Information**

No ecotoxicity; disposal of the strains to local environment without sufficient nutrients will be degraded and die gradually.

## **Section 13: Disposal Considerations**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.



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#### **Section 14: Transportation Information**

UN No : Not Restricted                      Customs : Not Restricted  
By Road/Rail : Not Restricted              By Air : Not Restricted

#### **Section 15: Other Regulatory Information**

The product is not included in the dangerous material category

#### **Section 16: Other Information**

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall SYN BIO TECH INC. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages. This information is not represented as product standards. Please refer relevant analytical standards to the product standard.*



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## Material Safety Data Sheets (MSDS)

– *Lactobacillus reuteri*

### Section 1: Product and Company Identification

Product Name : *Lactobacillus reuteri*

Application : Health food, food products, or other relevant fields

Use : A single strain probiotic powder containing live beneficial lactic acid bacteria

Appearance : Light Yellow Powder

Company : SYN BIO TECH INC.

Tel : +886-7-695-5680

### Section 2: Composition and Information on Ingredients

Active Compound : Lactic acid bacteria

Terminology : Lactic acid bacteria

Hazchem : None Allocated

Exposure Standards : Unknown

### Section 3: Hazards Identification

The strain powder was made by the specialized treatments like encapsulization and lyophilization as being weak acid of powder but not cause corrosive; the product dust may be released with inappropriate handlings, but the dust is safe for human if inhaled.

Please see Section 6 and 7 for the appropriate handlings.

### Section 4: First Aid Measures

No Data

### Section 5: Fire and Explosion Data

Fire and Explosion Controls : None specific requirement

Fire Fighting Media : Water, Foam

Fire and Explosion Hazards in Presence of Various Substances: Not Available



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## **Section 6: Accidental Release Measures**

Clean away the spilled powder which is no hazard for human body

## **Section 7: Handling and Storage**

Avoid break package apart; keep package dry

## **Section 8: Insurance and Personal Protection**

Not Available

## **Section 9: Physical and Chemical Properties**

Physical State and Appearance : Light Yellow Powder

Odor : Slightly fermentation smell

The PH, Boiling point, Melting point, Flash point, Ignition point,  
Vapor pressure, Bulk Density, and Solubility, are irrelative to safety.

Please see the product information for details.

## **Section 10: Stability and Reactivity Data**

Stability : The product is stable

Conditions of Instable : Not Available

Incompatibility with Various Substances : Not Available

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All lactic acid strain cultures used are considered as GRAS (Generally  
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The product is not included in the dangerous material category

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