



Product Specification Sheet

MAXINVERT[®] L 2400 (20 kg drum)

Product number: 624
Last revision: 07-11-2014

DSM Food Specialties B.V.

P.O. Box 1
2600 MA Delft
The Netherlands

www.dsm.com

Product Information

Product description	Enzyme preparation for food use containing β -fructofuranosidase (invertase) derived from a selected strain of <i>Saccharomyces cerevisiae</i>
Standardised activity	≥ 2400.0 SU/ml
Standardised activity	≤ 0.01 BDGLU/g
Application market	Inversion of sucrose for production of invert sugar and confectionary applications
Appearance	liquid (appearance may vary from batch to batch)
Status	<ul style="list-style-type: none">• Kosher approved• Halal approved• Organic statement available upon request• Identity preserved (non GMO strain and raw materials)• Preservative free• Food intolerance info available on request
Country of Origin	France

Regulatory information

The products are in compliance with the general specifications for food enzyme preparations regarding heavy metals and microbiological properties as published in the Food Chemicals Codex Ed. IX, 2014 and by JECFA. The analytical methods used are derived from international standardized methods like FCC, ISO or JECFA.

Currently Invertase (E number 1103) used as additive falls under EU directive 95/2/EC. In 2008 two new regulations have been published, 1333/2008 on additives and 1332/2008 on enzymes. Under these regulations invertase will be transferred to the regulation on enzymes and lose its E-number. However, this will only take place in 2020.

Chemical properties

pH	5.0 - 6.0
Heavy metals	< 30 ppm (as Pb)
Lead	< 5 ppm
Arsenic	< 3 ppm
Mercury	< 0.5 ppm
Cadmium	< 0.5 ppm



Microbiological specification

Total plate count	≤ 100 CFU per g
Coliforms	< 30 CFU per g
Salmonella	absent in 25 g
<i>Escherichia coli</i>	absent in 25 g
Yeasts	< 100 per g
Moulds	< 100 per g
<i>Staphylococcus aureus</i>	absent in 1 g
Sulphate reducers	< 30 CFU per g
Anti bacterial activity	absent by test
Mycotoxins	absent by test

Composition

Carrier	glycerol ≥ 55.0 %
---------	-------------------

Nutritional values

typical % content is based on calculated values from ingredients/additives

Ash (Minerals)	0.1 %
Carbohydrates	47.5 %
Protein	0.1 %
Fat (Vegetable)	0.1 %
Trans fatty acids	0.0 %
Energy (kcal) per 100 g	180 kcal
Energy (kJ) per 100 g	764 kJ

Stability data

- Recommended storage temperature 4 - 8 °C.
- When stored in recommended condition, the activity loss will be less than 5% within 36 months.

Packaging

20 kg plastic drum - 24 drums per pallet (120 x 80 x 90 cm)

Safety & Handling

Please refer to the Material Safety Data Sheet available on request.



Head Office

A. Fleminglaan 1
P.O. Box 1
2600 MA Delft
The Netherlands
tel. +31 15 279 9111

USA

45 Waterview Blvd
Parsippany, NJ 07054-1298
USA
tel. +1 973 257 1063
fax. +1 973 257 8248

Latin America

Av. Eng. Billings 1729 - Prédio 31
05321 - 010 Jaguaré
São Paulo SP
Brasil
tel. +55 11 3760-6402
fax. +55 11 3760-6492

China

476 LiBing Road, Zhangjiang Hi-
Tech Park,
Pudong, Shanghai 201203
P.R. China
tel. +86 (21) 6141 8188
fax. +86 (21) 6141 8088

Asia

Pasir Panjang Road #13-31
Mapletree Business City
Singapore 117440
tel. +65 6632 6505
fax. +65 6535 8066

Although diligent care has been used to ensure that the information provided herein is accurate, nothing contained herein can be construed to imply any representation or warranty for which we assume legal responsibility, including without limitation any warranties as to the accuracy, currency or completeness of this information or of non-infringement of third party intellectual property rights. The content of this document is subject to change without further notice. Please contact us for the latest version of this document or for further information. Since the user's product formulations, specific use applications and conditions of use are beyond our control, we make no warranty or representation regarding the results which may be obtained by the user. It shall be the responsibility of the user to determine the suitability of our products for the user's specific purposes and the legal status for the user's intended use of our products.

DSM Food Specialties B.V. | A. Fleminglaan 1 | 2613 AX Delft | The Netherlands | info.food@dsm.com | Trade Register Number 27235314