[PIF Unique ID] **7042f402-6657-4295-a8b9-c0bdb153b0ea**

Product Information Form

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IMPORTANT: The AFGC intends the PIF template as a guide only – it should not be relied upon as, or used as a substitute for, legal advice. Suppliers and customers are responsible for ensuring their own compliance with applicable obligations in the Food Standards Code, food legislation, other applicable laws (including the Australian Consumer Law) and the terms of their contractual arrangements.

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PIF VERSION 6.0

Issue Date **2017-07-07**

Note: this date refers to the date of issue of this version of the PIF by the AFGC and NOT the date of issue of the completed form by the user.

Date Completed **16/09/2024**

PIF Document Status **Final**	Company Document Number **140828**
Issue Date **12/09/2024**	Issue Number **5**
Name Completed by **Rina Valino**	Title Completed by **Regulatory Affairs Specialist**
Name Approved by **Amanda Hawkins**	Title Approved by **Regulatory Affairs Manager**

Sample, Flavour, Ingredient, Retail Ready **Ingredient**

Product Name **MERIGEL 341**

Comments

Issue 5 Full review, 12/9/2024 RV
Sec 2.2 Add United States
Sec 8.1 Update example of code format
Sec 10 Update SDS
Sec 11.1 Add food grade
Sec 12.2 Change test name to black specks
Sec 12.3 Change test method for Yeasts and Moulds
Sec 12.4 Add specification for Pb on d.w

Issue 4, 06/08/2021
Full 3 year PIF review, update to AFGC Version 6 PIF

1.1 Company Information

Company Logo

Company Name **H. J. Langdon & Co Pty Ltd**

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Company ABN or equivalent **89 006 641 701**

Trading Name **Langdon Ingredients**

Business Address

Street Number	Street Name	Suburb/City
525	**Mt.Derrimut Road**	**Derrimut**
State/Territory	**Country**	**Postcode**
VIC	**Australia**	**3026**

Postal Address

Post Address	Suburb/City	
P O Box 596	**Sunshine**	
State/Territory	**Country**	**Postcode**
VIC	**Australia**	**3020**

Key Contact for inquiries

Name	Position Title	
Technical Officer	**Technical Department**	
Email Address	**Phone**	**Fax**
technical@hjlangdon.com	**61 3 8360 2600**	**61 3 8368 2365**

Manufacturer Information

Company Name

Approved Supplier 20345



2. Product Information

Product Name **MERIGEL 341**

Product Code **140828**

Barcode - Product **N/A**

Product Description **This product is a modified, traditional cold water swelling waxy maize food starch**

Legal Description **Modified Starch (1422)**

Suggested Labelling Description **Modified Starch (1422)**

Are you selling this item to a health facility (e.g. hospital, aged care, mental health facility, nursing home)? (Y/N) **N (No)**

2.1 Ingredient Declaration

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Ingredient Summary

Substance Type	Compound Ingredient Name	Name of Ingredient, Food Additive, Vitamin or Mineral, Processing Aid	% of total Average (Enter either a number or NS for Not Specified)	Characterising Component (Y/N)	Food Standards Code Additive No or EC (as applicable)	Permitted class name	Non GM variety used	Identity preservation program in place
FA	Starch (Waxy Maize), Water	Modified Starch	100	N	1422	Modified Starch	Y	Y

Processing Aids Summary

Substance Type	Name of Ingredient, Food Additive, Vitamin or Mineral, Processing Aid
PA	Processing aids used concerns chemical agents for crosslinking and substitution (acetyl di starch adipate) and SO2 addition for swelling out the starch granule.

Ingredient List **Modified Starch (1422)**

Addition Check **100.000**

Code Standards Compliance

This product complies with the Australia New Zealand food Standards Code; and in addition to the information provided specifically in this form, and without limitation to compliance with any other part of the Code, the product complies with the following Standards where applicable:

Standard 1.4.1 - Contaminants & Natural Toxicants **Y (Yes)**

Standard 1.4.2 - Maximum Residue Limits in Food (In Australia), or Maximum Residue Limits of Agricultural Compounds, Mandatory Food Standard 1999 (and subsequent amendments) issued under sections 11C and 11Z of the Food Act 1981 in New Zealand **Y (Yes)**

Standard 1.4.4 - Prohibited & Restricted Plants & Fungi where applicable, and that where such certification relies on third party audits, analysis, industry codes, or equivalence of international standards to demonstrate compliance, that certificates are current and available **Y (Yes)**

2.2 Country of Origin

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Country of Origin Summary

Name of Ingredient, Food Additive, Vitamin or Mineral, Processing Aid	Percentage of Total (Average)	Country of Origin (1)
Modified Starch	100	Netherlands

Is the Product to be sold in Australia? **Y (Yes)**

What is the total minimum % of Australian ingredients in this product? **0.000**

Comments **Made in The Netherlands with ingredients from European Union and United States**

3.1 Composition Information

Mandatory Advisory Statements

Refer to the list in Schedule S9-2 in the ANZ Food Standards Code click here and Standard 1.2.3

If an advisory statement required, list the food (Column 1 S9-2 and Standard 1.2.3) and advisory statement (Column 2 S9-2 and Standard 1.2.3) below

Bee pollen	Is an advisory statement required about the food or ingredient? **N (No)**
A food containing bee pollen as an ingredient	Is an advisory statement required about the food or ingredient? **N (No)**
A beverage made from cereals, nuts, seeds, or a combination of these ingredients, and that contains less than 3% m/m protein.	Is an advisory statement required about the food or ingredient? **N (No)**
An evaporated and dried products made from cereals, nuts, or seeds, or a combination of those ingredients, and that when reconstituted as a beverage according to directions for direct consumption, contains less than 3% m/m protein.	Is an advisory statement required about the food or ingredient? **N (No)**
A beverage made from cereals, nuts, seeds, or a combination of those ingredients, and that contains: no less than 3% m/m protein; and no more than 2.5% m/m fat.	Is an advisory statement required about the food or ingredient? **N (No)**
An evaporated and dried products made from cereals, nuts, or seeds, or a combination of those ingredients, and that when reconstituted as a beverage according to directions for direct consumption, contains: no less than 3% m/m protein; and no more than 2.5% m/m fat.	Is an advisory statement required about the food or ingredient? **N (No)**
Milk, or an analoque beverage made from soy, that contains no more than 2.5 m/m fat.	Is an advisory statement required about the food or ingredient? **N (No)**
Evaporated milk, dried milk or an equivalent product made from soy, that, when reconstituted as a beverage according to directions for direct consumption, contains no more than 2.5% m/m fat.	Is an advisory statement required about the food or ingredient? **N (No)**
A food that contains aspartame or aspartame-acesulphame salt.	Is an advisory statement required about the food or ingredient? **N (No)**

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A food that contains quinine.	Is an advisory statement required about the food or ingredient? **N (No)**
A food that contains guarana or extracts of guarana.	Is an advisory statement required about the food or ingredient? **N (No)**
A food that contains added phytosterols, phytostanols or their esters.	Is an advisory statement required about the food or ingredient? **N (No)**
A cola beverage that contains added caffeine.	Is an advisory statement required about the food or ingredient? **N (No)**
A food that contains a cola beverage that also contains added caffeine as an ingredient.	Is an advisory statement required about the food or ingredient? **N (No)**
Propolis.	Is an advisory statement required about the food or ingredient? **N (No)**
A food that contains propolis as an ingredient.	Is an advisory statement required about the food or ingredient? **N (No)**
Unpasteurised egg products.	Is an advisory statement required about the food or ingredient? **N (No)**
Unpasteurised milk.	Is an advisory statement required about the food or ingredient? **N (No)**
Unpasteurised liquid milk products.	Is an advisory statement required about the food or ingredient? **N (No)**
Polyols, Isomalts, Polydextrose (Lactitol, Maltitol, Maltitol syrup, Mannitol, Xylitol, Erythritol, Isomalt, Polydextrose, Sorbitol)	Is an advisory statement required about the food or ingredient? **N (No)**

Mandatory warning statement - royal jelly

Is the food or does the food contain royal jelly (Y/N) **N (No)**

3.2.1 Allergens

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Allergens Summary

Name of Allergenic Ingredient, Food Additive, Vitamin or Mineral, Processing Aid	Allergen Type	Naturally occurring sulphites (mg/kg)	Residual or carryover sulphites (mg/kg)	Added sulphites (mg/kg)	Total sulphites (mg/kg)
Modified Starch	Naturally occurring sulphites	0	Less than or < 10	0	Less than or < 10

Added Sulphites (in concentrations of 10mg/kg or more)	Not present
Cereals (including hybridised strains thereof) if they contain gluten	Not present
Wheat (including its hybridised strain) irrespective of whether it contains gluten	Not present
Crustacea	Not present
Egg	Not present
Fish	Not present
Mollusc	Not present
Milk	Not present
Peanut	Not present
Soybean	Not present
Sesame Seed	Not present
Tree Nuts	Not present
Lupin	Not present
International Allergens	Not present

Allergens to be declared:

Type	Values
Allergen ANZ	Modified Starch Naturally occurring sulphites

Comments **Contains <10mg/kg sulphites as residual from processing aids.**

3.2.2 Cross Contact Allergens

Cross Contact Allergens Summary

Present in same facility (Yes/No)	
Added Sulphites (in concentrations of 10mg/kg or more)	No
Cereals (including hybridised strains thereof) if they contain gluten	No
Wheat (including its hybridised strain) irrespective of whether it contains gluten	No
Crustacea	No
Egg	No
Fish	No
Mollusc	No
Milk	No
Peanut	No
Soybean	No
Sesame Seed	No
Tree Nuts	No
Lupin	No
International Allergens	No

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If you wish to conduct a VITAL® risk assessment for cross contact allergens please click on the following link which will take you to the Allergen Bureau website: click here

Have you conducted a VITAL® risk assessment for cross contact allergens (Y/N)? **N (No)**

If No, is a precautionary allergen statement appropriate for this product? (Y/N) **N (No)**

Comments **No precautionary statement required.**

3.3 Additional Information Requirements

Palm Oil

Does this material contain Palm Oil or Derivatives of Palm Oil?
N (No)

Food/Component

Sub-Food/ Component

Gelatine

Beef - collagen

Present?
N (No)

Other source

Present?
N (No)

Antioxidants

Butylated hydroxyanisole

Present?
N (No)

Butylated hydroxytoluene

Present?
N (No)

Other Antioxidants

Present?
N (No)

Alcohol (Residual) and ethanol

Present?
N (No)

Added fats and oils

Animal

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Present?
N (No)

Vegetable

Present?
N (No)

Hydrolysed vegetable proteins

Acid hydrolysed

Present?
N (No)

Enzyme hydrolysed

Present?
N (No)

Added colours

Present?
N (No)

Added flavours

Present?
N (No)

Added salt

If product is salt, then respond "yes" to added salt.

Present? (1)
N (No)

Added sugar

If product is sugar then respond "yes" to added sugar.

Present? (1)
N (No)

Any Other Component

4.1 Novel Foods

Novel Foods Summary

This product, including all of its components, are not listed as novel foods in the standard

If assessed:

4.2 Food Produced using Gene Technology

Reason (where not GM)	
Non GM variety used	Y
Identity preservation program in place	Y

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Comments **There is an identify preservation system separating non GM and GM components to ensure the absence of GM material in this product. SGS certificate available**

4.3 Quarantine Information

Link to the Bicon website: click here

Link to the NZ Ministry of Primary Industries website: click here

Quarantine treatments Summary

Steam sterilisation	N
Irradiation	N
Ethylene oxide	N
Fumigation	N
Other	N

Comments **This product is not suitable/permitted for use in animal feed (Stock feed/Pet food), animal supplements, fertilisers or growing purposes. (Definition of permitted being an Australian Biosecurity Import permit)**

5. Nutrition Information

Nutrient List

Unit of Measure
g

Nutrition Details

Note: Complete Energy and Nutrient tables below. For Ingredients and flavours, only the average quantity per 100g/100mL is required to be completed.

Energy

		Average Quantity per 100 g/mL	Average Quantity per 100 g/mL (optional)
Energy -		1623.91 kJ	

Nutrients

Note: Gluten is a Required Field if a gluten free or low gluten claim is made

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		Average Quantity per 100 g/mL
Protein, total (g)		0.35
- Gluten		
Fat, total (g)		0.08
-saturated (g)		0
-trans (g)		
-polyunsaturated (g)		
-monounsaturated (g)		
Cholesterol (mg)		
Carbohydrate (g)		95
-sugars (g)		0
Dietary fibre, total (g)		0
Sodium (mg)	Less than or <	300
Potassium (mg)		
Phosphorus (mg)		

Target Population

Food for target population **999 (Any other food)**

Information about the food or product

If Solid, select Solid Type
3 (Solid, semi-solid or powder substance, intended for use in further preparation)

Information about the nutrition information

Please nominate the source or method used to develop the nutrition information

The FSANZ Nutrition Panel Calculator (NPC) ☑

Food composition tables or databases ☑

% Ash:
0.700

% Moisture:
5.50

Comments **Supplier provided data.**
% Moisture listed is mid point of min 3.5 and max 7.5

6.1 Nutrition, Health and Related Claims

Are you making a Nutrition content and/or Health claim in relation to this product? (Y/N) **N (No)**

6.1.2 Nutrient Profile Score (NPS) or Health Star Rating (HSR) calculation information (no responses in section)

6.2 Front of Pack Labelling (no responses in section)

6.3 Certification, Endorsement and Other Claims

This table is to be completed to provide information to assist your customer to determine the suitability of the product for use in certain products or to make certain claims.

Claim Type

6.3.1 Nutrition and Health Logos and Symbols

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The Glycaemic Index (GI)

GI logo will be or can be used (Y/N)
N (No)

Treatwise

Will the "Be Treatwise" logo be used? (Y/N)
N (No)

6.3.2 Religious

Halal

Specify if suitable for Halal (Y/N)	Claim can be made? (Y/N)	How has this been validated/substantiated?
Y (Yes)	**Halal certified** **Y (Yes)**	**Certified**

Certificate Available? (Y/N)
Y (Yes)

Certifying Body

Other	Other Certifying Body	Certificate Number	Certificate Expiry date
☑	**Halal Quality Control**	**NL10510501594**	**15/01/2025**

Kosher

Specify if suitable for Kosher? (Y/N)	Claim can be made? (Y/N)	How has this been validated/substantiated?
Y (Yes)	**Kosher certified** **Y (Yes)**	**Certified**

Certificate Available? (Y/N)
Y (Yes)

Certifying Body

Other	Other Certifying Body	Certificate Number	Certificate Expiry date
☑	**RABBINAAT**	**N/A. Certificate dated February 2024**	**1/04/2025**

6.3.3 Dietary Choice

Ovo-lacto-vegetarian

Specify if suitable for Ovo-lacto-vegetarian (Y/N)	Claim can be made? (Y/N)
Y (Yes)	**N (No)**

Lacto-vegetarian

Specify if suitable for Lacto-vegetarian (Y/N)	Claim can be made? (Y/N)
Y (Yes)	**N (No)**

Vegan

Specify if suitable for Vegan (Y/N)	Claim can be made? (Y/N)
Y (Yes)	**N (No)**

6.3.4 Free

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Hormone free

Specify if suitable for "Hormone Free"	Claim can be made?
No	**No**

6.3.5 Sustainability claim

Organic

Specify if suitable for Organic	Claim can be made?
No	**No**

Biodynamic

Specify if suitable for Biodynamic	Claim can be made?
No	**No**

RSPO

Specify if suitable for RSPO	Claim can be made?
No	**No**

Rainforest Alliance

Specify if suitable for Rainforest Alliance	Claim can be made?
No	**No**

6.3.6 Animal welfare

Animal Welfare Approved Scheme

Specify if suitable for Animal Welfare Approved Scheme	Claim can be made?
No	**No**

Marine Stewardship

Specify if suitable for Marine Stewardship	Claim can be made?
No	**No**

Dolphin Friendly

Specify if suitable for Dolphin Friendly	Claim can be made?
No	**No**

Sow stall free

Specify if suitable for Sow stall free	Claim can be made?
No	**No**

Free range

Specify if suitable for Free Range	Claim can be made?
No	**No**

6.3.7 Other

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Derived from naturally occurring ingredients

Specify if suitable for Derived from naturally occurring ingredients	Claim can be made?
Not assessed	**Not assessed**

Derived from a natural process without chemical modification

Specify if suitable for Derived from a natural process without chemical modification	Claim can be made?
Not assessed	**Not assessed**

Additional Claim

Specify if suitable for Additional Claim	Claim can be made?
Not assessed	**Not assessed**

Comments **Latest Halal and Kosher certificates available**

7. Shelf Life

Link to the AFGC Date Marking Guide:click here

Product as supplied - Unopened pack or bulk container

Type of date mark applied

Packed On ☑

Specify Shelf Life	Period
730	**Days**

Temperature control required during storage?
N (No)

Temperature control required during transport?
N (No)

Product once in use - Resealable pack or bulk container

	Period
	Days

Temperature control required during storage?
N (No)

AFGC Cold Chain Guideline rules:“NEVER WARMER THAN” temperature in degrees Celsius“MAX OUT OF REFRIGERATION TIME” time in minutes"KEEP ABOVE" optional, temperature in degrees Celsius

Comments **Store in a clean and dry environment, away from odorous materials at <60% relative humidity and 20°C. Shelf life is valid for sealed original packaging stored under constant conditions.**

8. Traceability

8.1. Please specify the following details for the primary code on the product as applicable:

Unit

Type of primary coding

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Batch Number

Method of Coding
Inkjet

Location of Code
Side of bag

Number of characters in code
10

Example of code format
KO21A91850

SHIPPER (if applicable)

Type of primary coding

8.2 Please provide any general comments about the traceability coding applied to the product:

9. Measurement Marking (no responses in section)

10. Potential Safety Hazards

Are there any potential hazards associated with the product? (Y/N)? **Y (Yes)**

If yes, specify if the hazards occur during: Handling Storage

Is the product classified as a Dangerous Good or a Hazardous Good? Y/N **N (No)**

If not, please provide the SDS as an attachment to this PIF

Comments **SDS available on request**

11.0 Product Packaging & 11.1 Packaging Materials

Is the product packaged? **Y (Yes)**

Packaging stewardship

Is your business a signatory to the Australian Packaging Covenant or other packaging stewardship program?

Link to Packaging Covenantclick here

Sealing

What is the method of sealing the primary packaging? Heat

What is the method of sealing the Secondary packaging?

Tamper evident

Is the packaging tamper evident? **Y (Yes)**

Colour

Pack Size

Pack size:
25.000

Unit of Measure
kg

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Dimensions (external)

Primary Pack

Secondary Pack

11. 1 Packaging Materials

Materials List

Is the material(s) used in the packaging for this product approved for direct food contact?	Are engineered nanoparticles present?	Bag	Further details information
Y	N	Y	bag

Comments **Double layer brown bags (food grade)**

11.2 Pallet Configuration

Is the product delivered on a pallet? **Y (Yes)**

Specify the type of pallet (material)

What is the pallet pattern?

Number of units per shipper
1

12. Specifications for Compliance

Test Methods are mandatory and must quote AOAC methods or recognised independent Australian or International standards. Where a suppliers internal test method is quoted a copy must be attached. Also state if Certificate of Analysis (C of A) or Certificate of Conformance (C of C) can be provided.

12.1 Organoleptic Specifications

Test/Parameter	Specification	Test Method	C of A Available?
Appearance*	Powder	Visual	N
Colour*	White to creamy white	Visual	N
Odour*	Bland	Organoleptic	N

Comments ***Indicates testing conducted by supplier**

12.2 Physical Specifications

Test/Parameter	Specification	Test Method	C of A Available?
*Black specks (mg/kg)	5 max	Visual - A0601	N
*Ash (%)	0.7 max	Muffle Oven - A0702 (Ref ISO 3593)	N
*On sieve 125um (%)	21 max	Vibrational sieve - A1113	N
*On sieve 180um (%)	7.5 max	Vibrational sieve - A1113	N
*Viscosity at 25°C after 10min (BU)	1250 - 2000	Brabender - A1417	Y
*Viscosity at 25°C after 30min (BU)	1300 - 2000	Brabender - A1417	Y
*Baking Stability	11 cm max	Baking Test A1604	N

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Comments ***Indicates testing conducted by supplier**

12.3 Microbiological Specifications

Test/Parameter	Specification	Test Method	C of A Available?	C of C Available?
*Total Mesophilic count (n/g)	2,000 Max.	Pour Plate - A1920	N	N
*Yeasts (n/g)	30 Max.	Colony count technique. (ISO 21527-2:2)	N	N
*Moulds (n/g)	30 Max.	Colony count technique. (ISO 21527-2:2)	N	N
*Coliforms (n/g)	10 Max.	Pour Plate - A1927	N	N
*E. Coli	Absent	Pour Plate - A1927	N	N
*Salmonella	Absent in 25g	Qualitative Test - A1930	N	N

Comments ***Indicates testing conducted by supplier**

12.4 Chemical Specifications

Test/Parameter	Specification	Test Method	C of A Available?	C of C Available?
*pH	4.5-7	pH - A0924	Y	N
*SO2	Max 10 ppm	Iodine Titration - A0904	Y	N
*Moisture	7.5% max	Oven - A0103	Y	N
*Protein	0.35%/cp max	Kjeldahl - A0401	N	
Pb on d.w	0.2 mg/kg max	Atomic Absorption Spectrophotometry A0	N	

Comments ***Indicates testing conducted by supplier**

13. Company Specific

Company Specific Comments

FSC certification 22000, FSSC 22000. Audited by LRQA
Issue Date: 29/09/2022
Expiry date: 28/09/2025

Company Specific Attachment(s)

000014534:FSSC22000 - Exp 28th September 2025.pdf

14. Extra Comments and Attachments (no responses in section)

15. Summary of Statements and Claims

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Summary of Statements and Claims

Type	Values
Ingredients List	Modified Starch (1422)
% Australian content	0.000
Characterising Component	No Characterising Component Declared.
Allergens	Are there allergens formulated into the product? - Yes.
Display field for Allergens	Modified Starch Naturally occurring sulphites
Cross Contact Allergens	No potential Cross Contact Allergens listed.
Novel Foods	No Novel Food(s) Declared.
Nutritive Substances	No Nutritive Substance(s) Declared.
GM Cross Contact	No GM Cross Contact Ingredients Declared.
Quarantine treatment applied	No Quarantine Treatments Declared.
Palm Oil	No Palm Oil or Derivatives Declared.
Kosher Claim	Kosher certified
Halal Claim	Halal certified

16. Checklist

PIF Status **Final**

Summary of Attachments

Type	Values	
4.2.0.35	Non GMO IP Netherlands - Exp 15 March 2025.pdf	000014536
6.3.7.23	Halal T&L Netherlands - Exp 15 Jan 2025.pdf	000014531
6.3.7.23	Kosher T&L Netherlands - Exp 01 Apr 2025.pdf	000014532
10.0.0.14	MERIGEL 341 SDS Effectivity date 23.1.23.PDF	000014537
13.0.0.4	FSSC22000 - Exp 28th September 2025.pdf	000014534

Empty Mandatory Field

[2.1 Ingredient Declaration Details]

Allergens (Y/N/NS)

[3.2.1 Allergen(s)]

Labelling exemption

[3.2.1 Allergens Details]

Source Name

Derivative name

Is the allergen a substrate or feedstock in a metabolic process which results in this product? (Y/N)

Reference Imported v5

Reference Imported v5 **000002878:40828.xlsx**

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