

# PFANNENSCHMIDT-HAMBURG

Document	Revision Status	Page
Specification / Certificate of Analysis	04	1 of 3

Specification	Version	Date	Name	Sign
released QA	7.1	09.02.2018	Sabine Schwarz	<i>S. Schwarz</i>

Brewer's Yeast			
Quality	inactivated, min. 40 % Protein		
Synonyma		Product Code	10059
Chemical Data		Batch-No.	310A1094E

Definition	
	Selected yeast dried at a temperature sufficient to halt activity, but low enough to retain full nutritional properties. Formulated so as to be suitable for direct compression. Contains silicon dioxide as free flow agent.

Origin/Synthesis (short description)	
	Source/origin of product: Saccharomyces cerevisiae

Characters	Reference	Requirements	Observations
Appearance	Organolept.	Fine flowing powder	Complies
Colour	Organolept.	Buff coloured	Complies
Taste	Organolept.	Characteristic	Complies
Composition		Inactive yeast, silicon dioxide (E551, max. 1.5 %), thiamine, nicotinic acid, riboflavin	Acc. to spec.

Assay / Ratio	Reference	Requirements	Observations
Protein (% N x 6.25)(dry weight)	Internal	Min. 40 %	44.9 %

Identification	Reference	Requirements	Observations

Tests	Reference	Requirements	Observations
Loss on drying (at 105° C)	Internal	Max. 9 %	3.8 %
Thiamine (Vitamin B1)*	Internal	Min. 100 µg/g	Complies
Riboflavin (Vitamin B2)*	Internal	Min. 40 µg/g	Complies
Nicotinic acid*	Internal	Min. 300 µg/g	Complies

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released QA DocID 70000100590122070101	24.11.2023	Yvonne Samel	<i>Y. Samel</i>

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# PFANNENSCHMIDT-HAMBURG

Document	Revision Status	Page
Specification / Certificate of Analysis	04	2 of 3

Specification	Version	Date	Name	Sign
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Brewer's Yeast			
Quality	inactivated, min. 40 % Protein		
Synonyma		Product Code	10059
Chemical Data		Batch-No.	310A1094E

Tests	Reference	Requirements	Observations
Arsenic*	Internal	Max. 2 ppm	Complies
Lead*	Internal	Max. 1 ppm	Complies
Mercury*	Internal	Max. 0.1 ppm	Complies
Cadmium*	Internal	Max. 1 ppm	Complies
Total plate count	Internal	Max. 30,000 cfu/g	Complies
Yeasts and moulds	Internal	Max. 500 cfu/g	Complies
Coliforms	Internal	Max. 10 cfu/g	Complies
Salmonella	Internal	Negative / 25 g	Complies
E.coli	Internal	Negative / g	Complies
Staphylococcus aureus	Internal	Negative / g	Complies

Manufacturing and Release Data	Requirements	Observations
Manufacturing date		10/2023
Analysis date		
Retest Schedule	Min. 36 months	10/2026

Storage	Reference	Requirements
Containers		Tightly closed, cool, dark and dry

Further remarks
*Test performed annually Appended information / nutritional information updated; YS 12.07.2018

Regulatory Data	(acc. to supplier information and sampling/testing plans within scope of due care)
Not a hazardous substance acc. to EC reg. 1272/2008 and 1907/2006. MSDS not required. Product has not been subjected to irradiation. Free of BSE/TSE (Bovine/Transmissible Spongiforme Encephalopathy). No obligation of GMO labelling as defined in EC reg. 1829/2003 / 1830/2003. Conform to pesticides EC reg. 396/2005 and amendments.	

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# PFANNENSCHMIDT–HAMBURG

Document	Revision Status	Page
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Brewer's Yeast			
Quality	inactivated, min. 40 % Protein		
Synonyma		Product Code	10059
Chemical Data		Batch-No.	310A1094E

Regulatory Data	(acc. to supplier information and sampling/testing plans within scope of due care)
<p>Conform to contaminants EC reg. 1881/2006 and amendments as far as applicable.</p> <p>Allergens acc. to EU reg. 1169/2011 subject to labelling (may be) contained. See allergen list.</p> <p>Conforms EC reg. 178/2002 for food raw materials conc. food safety, traceability, hygiene management</p> <p>Suitable for vegetarian and vegan food. Produced without the use of products of animal origin.</p> <p>Without use of palm oil and palm oil derivatives.</p>	

Nutritional Data (typ. in 100 g or ml)	Observations
Energy value	1376 kJ 322 kcal
Protein	44 g
Carbohydrate	15 g
thereof sugars	5 g
Fat	4 g
thereof fatty acids	1 g
Fibre	25 g
Ash	7.8 g
Iron	6 mg
Potassium	2000 mg
Sodium	87 mg

Abbreviations used
Acc. to spec. = according to specification Sugg. meth. = suggested method

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