

PFANNENSCHMIDT-HAMBURG

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released QA DocID 70000132940000040300	4.3	06.06.2023	Saara Fricke	<i>S. Fricke</i>

PANMOL®-B-COMPLEX 120			
Quality	biol. act. Vit B-Complex		
Synonyma		Product Code	13294
Chemical Data		Batch-No.	

Definition
Biologically active Vitamin B complex

Origin/Synthesis (short description)
From Quinoa sprouts (Chenopodium quinoa Willd.)

Characters	Reference	Requirements	Observations
Appearance	Organolept.	Powder	
Colour	Organolept.	Off white to yellow	
Odour	Organolept.	Typically grainy	
Taste	Organolept.	Nutty	
Solubility	Organolept.	Insoluble in water and alcohol	

Assay / Ratio	Reference	Requirements	Observations
Vitamin B1 (Thiamine)	Internal	132 - 198 mg/100 g	
Vitamin B2 (Riboflavine)	Internal	168 - 252 mg/100 g	
Vitamin B3 (Total Niacine)	Internal	1,920 - 2,880 mg/100 g	
Vitamin B5 (Pantothenic acid)	Internal	720 - 1,080 mg/100 g	
Vitamin B6 (Pyridoxine)	Internal	168 - 252 mg/100 g	
Vitamin B7 (Biotin)	Internal	6 - 9 mg/100 g	
Vitamin B9 (Folic acid)	Internal	24 - 36 mg/100 g	
Vitamin B12 (Cyanocobalamine)	Internal	300 - 450 µg/100 g	

Identification	Reference	Requirements	Observations

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PANMOL®-B-COMPLEX 120			
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Tests	Reference	Requirements	Observations
Loss on drying	Internal	Max. 8 %	
Total plate count	Internal	Max. 50,000 cfu/g	
Enterobacteriaceae	Internal	Max. 100 cfu/g	
Moulds	Internal	Max. 500 cfu/g	
Yeasts	Internal	Max. 500 cfu/g	
Coliforms	Internal	Max. 10 cfu/g	
E. coli	Internal	Max. 10 cfu/g	
Salmonella	Internal	Negative /375 g	
Listeria	Internal	Negative /5 x 25 g	
Staphylococcus aureus	Internal	Max. 100 cfu/g	

Manufacturing and Release Data	Requirements	Observations
Manufacturing date		
Analysis date		
Retest Schedule	Min. 30 months	

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

Further remarks
1 g contains min. 120 % of the Nutrient Reference Value (NRV) of the vitamins listed under Assay according to Regulation (EU) No. 1169/2011. Methods of analysis available on request Heavy metals are tested in random samples, the following limits are confirmed: Arsenic: max. 1 ppm, Lead: max. 1 ppm, Cadmium: max. 1 ppm, Mercury: max. 0.1 ppm Contains organically bound B-vitamins as listed below Vitamin B1: as aneurin, TPP, TTP Vitamin B2: as riboflavin, FMN, FADH, FAD

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PANMOL®-B-COMPLEX 120			
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Further remarks	
	Vitamin B3: as niacin, NADH, NAD, NADPH, NADP Vitamin B5: as pantothenic acid, coenzyme A Vitamin B6: as pyridoxine, pyridoxal, pyridoxamine Vitamin B7: as biotin, biocytin Vitamin B9: as folic acid, folate (several folates) Vitamin B12: as cyano-, methyl-, adenosylcobalamine

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. Conform to contaminants EC reg. 2023/915 and amendments as far as applicable. No allergens subject to labelling acc. to EU reg. 1169/2011 contained No obligation of nano material labelling as defined in EU reg. 1169/2011 and amendments Conforms EC reg. 178/2002 for food raw materials conc. food safety, traceability, hygiene management Suitable for vegetarian and vegan food. Produced without the use of products of animal origin. Without use of palm oil and palm oil derivatives.

Nutritional Data (typ. in 100 g or ml)	Observations
Energy value	1693 kJ / 401 kcal
Protein	13.5 g
Carbohydrate	68.5 g
thereof sugars	3.1 g
Fat	7.1 g
thereof saturates	0.8 g
Fibre	4.5 g
Salt	4 mg

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

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