



SPECIFICATION DATA SHEET

# SynBalance® Premix14 Smoky Quartz

Blend of freeze-dried probiotics

Description	Strains Origin	Concentration
SynBalance® BL ( <i>B. lactis</i> – DSM 25566)	Human	50 billion CFU/g
SynBalance® LA ( <i>L. acidophilus</i> – LMG P-29512)		
SynBalance® LP ( <i>L. plantarum</i> – DSM 24937)		
SynBalance® BBf ( <i>B. bifidum</i> – LMG P-29508)		
SynBalance® LC ( <i>L. casei</i> – DSM 25569)		
SynBalance® LG ( <i>L. gasseri</i> - LMG P-29638)		
SynBalance® ST ( <i>S. thermophilus</i> – DSM 26721)		
SynBalance® BI ( <i>B. infantis</i> – LMG P-29639)		
SynBalance® BLg ( <i>B. longum</i> – LMG P-29511)		
SynBalance® LB ( <i>L. bulgaricus</i> – DSM 25567)		
SynBalance® LS ( <i>L. salivarius</i> - DSM 16530)		
SynBalance® EF ( <i>E. faecium</i> - LMG S-28935)		
SynBalance® LPc ( <i>L. paracasei</i> – DSM 16105)		
SynBalance® LL ( <i>L. lactis</i> – DSM 26868)		

ANALYTICAL SPECIFICATION			
Parameter	Unit	Requirement	Method
PHYSICAL-CHEMICAL			
Appearance	-	Powder	IO 07-06A
Colour	-	White cream to beige	IO 07-06A
Odour	-	Characteristic	IO 07-06A
Loss on drying (105°C)	%	≤ 5,0	Ph.Eur. 2.2.32

**ROELMI HPC srl**

Via Celeste Milani, 24/26 T. +39 02 3351 0150  
21040 Origgio (VA) Italia F. +39 02 3354 9210  
VAT: IT 09553280968 roelmi.hpc@legalmail.it  
REA: VA-361664 Capitale sociale Euro 120.000 i.v.

info@roelmihpc.com  
www.roelmihpc.com





SPECIFICATION DATA SHEET

# SynBalance® Premix14 Smoky Quartz

Blend of freeze-dried probiotics

Water activity	-	≤ 0,25	IO 07-06AL
MICROBIOLOGICAL			
Total LAB count	CFU/g	≥ 0,5 E+11	IO 07-06T
Non LAB count	CFU/g	≤ 1.000	ISO 13559 + confirmatory catalase test
Yeasts & Moulds	CFU/g	≤100	ISO 21527-2
<i>Enterobacteriaceae</i> *	CFU/g	≤ 100	ISO 21528-2
<i>Escherichia coli beta glucuronidase positive</i> *	CFU/g	≤ 10	UNI ISO 16649-2
<i>Staphylococci coagulase positive</i> *	CFU/g	≤ 10	ISO 6888-1
<i>Salmonella</i> *	25g	Absence	UNI EN ISO 6579-1
<i>Listeria monocytogenes</i> *	25g	Absence	ISO 11290-1

\*Analysis verified/performed following an internal analytical plan and through the application of appropriate statistical process control method. The term "Complies" will be reported in the certificate of analysis of the batches not included in the above-mentioned plan.

**Excipient:** Maltodextrin

(Corn starch could be found in negligible amount as excipient of the original strains).

**Storage:** Store in original sealed containers at -18°C, in a dry place, repaired from light or humidity sources.

**Period of best use:** 18 months from production date, in sealed original container, if stored as described above.

Roelmi HPC Technical Department

THE INFORMATION CONTAINED IN THIS DOCUMENT ARE BASED ON OUR CURRENT SCIENTIFIC KNOWLEDGE AND DOES NOT DISCHARGE THE USER FROM THE CONTROL OF THE PRODUCT BEFORE THE USE. THE INFORMATION ARE CAREFUL AND RELIABLE BUT IT SHOULD NOT BE TAKEN AS EXPRESSING OR IMPLYING ANY WARRANTY CONCERNING THE PRODUCT CHARACTERISTICS. THE USER, UNDER HIS OWN RESPONSIBILITY, MUST RESPECT THE RULES AND LAWS IN FORCE. ROELMI HPC SRL DOES NOT TAKE LIABILITY FOR ANY DAMAGE TO PEOPLE OR PROPERTY FOR IMPROPER USE AND DECLINES ANY RESPONSABILITY IN CASE THE USE OF THE PRODUCT INFORMATION MIGHT TAKE TO PATENT INFRINGEMENT OF THIRD PARTIES.

THE PRESENT DOCUMENT SUBSTITUTES AND CANCELS THE PREVIOUS VERSION.

**ROELMI HPC srl**

Via Celeste Milani, 24/26 T. +39 02 3351 0150  
21040 Origgio (VA) Italia F. +39 02 3354 9210  
VAT: IT 09553280968 roelmi.hpc@legalmail.it  
REA: VA-361664 Capitale sociale Euro 120.000 i.v.

info@roelmihpc.com  
www.roelmihpc.com

