

# PRODUCT MASTER FILE

## Nucleotide Blend



### DESCRIPTION

<b>Product name</b>	Nucleotide Blend
<b>Product code</b>	<b>26002436</b>
<b>Physical description</b>	Nucleotides (Uridine 5'-monophosphate disodium salt, Cytidine 5'-monophosphate disodium salt, Inosine-5'-monophosphate disodium salt, Adenosine-5'-monophosphate disodium salt, Guanosine-5'-monophosphate disodium salt)Yeast extracts (rich in RNA as soluble sodium salt) and Maltodextrin
<b>Shelf life</b>	3 Years
<b>Origin</b>	Europe

### TECHNICAL SPECIFICATION

Item	Specification	Method
<b>Nucleotides + RNA (*)</b>	>51 (%)	HPLC SOP005 <sup>(1)</sup>

### MICROBIOLOGICAL QUALITY

<b>Aerobic mesophilic plate count</b>	≤1000 cfu/g	ISO 4833-1 <sup>(2)</sup>
Yeast	≤1000 cfu/g	ISO 21527-1-mod <sup>(2)</sup>
<b>Moulds</b>	≤1000 cfu/g	ISO 21527-1-mod <sup>(2)</sup>
<b>Escherichia coli</b>	< 10 cfu/g	ISO 16649-2 <sup>(2)</sup>
<b>Salmonella</b>	Not detected in 25 g	AFNOR AES 10/04-05/04 <sup>(2)</sup>

\*On an As IS basis

### HEAVY METALS

<b>Cd (Cadmium)</b>	< 1.0 mg/kg	ASU L 00.00-19/3 (2004-07) mod <sup>(2)</sup>
<b>Hg (Mercury)</b>	<0.1 mg/kg	ASU L 00.00-19/3 (2003-12) mod <sup>(2)</sup>
<b>Pb (Lead)</b>	< 3.0 mg/kg	ASU L 00.00-19/3 (2004-07) mod <sup>(2)</sup>

1 Internal method of the manufacturer

2 Analytical methods used by third party contract testing laboratory



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OTHER DATA

Item	Information
Botanical name	<i>Saccharomyces cerevisiae</i>
Extraction solvent	None
Extraction ratio	Not applicable
Particle size	About 80 microns
Bulk density	About 1.74 g/ml
Solubility in water	Not determined as only used as a solid
Country of Origin	Switzerland
Storage conditions	Indoors in the original unopened containers in a cool dry place pest free location at < 20 °C and at a relative humidity of < 60 %.

REGULATORY STATUS

Item	Information
Extraction Solvents	No solvents used
Pesticides	Complies with EU legislation 396/2005 and amendments thereof, where applicable
Mycotoxins	Complies with EU legislation 2023/915/EU and amendments thereof, where applicable
PAH's	Complies with EU legislation 2023/915/EU and amendments thereof, where applicable
Dioxins, Furans, Dioxins like PCB's and Non dioxin like PCBs	Not applicable
Heavy Metals	Complies with EU legislation 2023/915/EU and amendments thereof, where applicable
Pyrrolizidine Alkaloids	Complies with EU legislation 2023/915/EU and amendments thereof, where applicable
Arsenic	< 1 mg/kg
MOAH	< 5 mg/kg (suitable for use in food supplements)
BSE/TSE	Free from BSE/TSE
GMO Status	Does not have to be labelled as a GMO according to regulations EC/1829/2003 and EC/1830/2003
Irradiation Status	Not Irradiated
Melamine	Complies with regulation 2023/915/EU and amendments thereof, where applicable
Ethylene Oxide	Compliant with EU legislation 396/2005 and amendments thereof, where applicable
Vegetarian Status	Suitable for Vegetarians
Vegan Status	Suitable for Vegans
Kosher certified	Yes
Halal certified	Yes
Applications	Suitable for use in food supplements
Nano material	The product is not a nano material
Food Packaging	Compliant with regulations EC/2023/2006, EC935/2004, EC/10/2011
WADA	The product is not known to contain any WADA listed substances

Signed



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