

LALGUARD M52 OD

CERTIFICATE OF ANALYSIS

Batch number: **EMBI001068**

Certificate date: 16.04.2026

Production date: 12.04.2024

Analysis date: 30.03.2026

(Requalification – extended EXP date)

Best before: 04/2027

at 4°C

Laboratory in charge of the QC: Lallemand Biologicals GmbH.

Address: Lukaswiese 4 – 23970 Wismar, Germany

PARAMETER	METHOD	RESULT
ACTIVE INGREDIENT		
<i>Metarhizium brunneum</i> F52	Internal standard	$\geq 2.0 \times 10^9$ viable spores per g
PHYSICO-CHEMICAL PROPERTIES		
Appearance	Visual	dark green liquid
Moisture content (KFT)	Internal method	≤ 0.6 %
Density	Internal method	0.94 -0.96 g/m ³
MICROBIAL ANALYSIS		
Total Bacteria Count (TBC)	Internal method	$< 1.0 \times 10^5$ CFU per g
Non target fungi	Internal method	$< 1.0 \times 10^3$ CFU per g
E. coli	ISO 16649 – 3	Absent in 1g
Salmonella ssp.	ISO 6579 - 1	Absent in 25 g
Staphylococcus aureus	ISO 6888 - 3	Absent in 1 g
Listeria monocytogenes	Listeria Preci TM Fa. Oxoid BO1066S (enrichment) 2009-06 PO5165A (selective culture medium) 2019-04	Absent in 25 g



We certify that batch **EMBI001068** conforms with product specifications.



Antje Seemann
Quality Control Laboratory Manager

Lallemand Biological GmbH / LALLEMAND PLANT CARE certifies that this material has been analyzed and monitored in accordance with the methods stated in this document. This certificate does not release the recipient from his obligation to carry out customary incoming goods inspections and controls. In no event, shall Lallemand Biological GmbH / LALLEMAND PLANT CARE be liable for loss of profit, loss of goodwill, loss of image, incidental, and consequential, indirect, special or punitive damages suffered in connection with the use of this information or material.

