

LALGUARD M52 OD

CERTIFICATE OF ANALYSIS

Batch number: **EMBI000654**

Certificate date: 28.02.2025

Production date: 05.09.2023

Analysis date: 28.11.2025

(Requalification – extended EXP date)

Best before: 11/2026

below 20°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	0.949 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 **EMBI000654** conforms with product specifications.



Antje Seemann
Quality Control Laboratory Manager

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