

TECHNICAL SHEET

Revision: TS6

PRODUCT	MAGSHAPE™ MICROCAPSULES
DESCRIPTION	MICROENCAPSULATED MAGNESIUM IN POWDER FORM
CODE	LI0077
DATE	August 1, 2024

COMPOSITION

MODIFIED PRESERVED MAIZE STARCH, MAGNESIUM OXIDE, SUNFLOWER LECITHIN.

ANALYTICAL DATA

TEST	SPECIFICATION	METHOD
PHYSICAL APPEARANCE	POWDER	PL-08
COLOUR	WHITE-OFF WHITE TO CREAM	PL-08
ODOUR	CHARACTERISTIC	PL-08
MAGNESIUM CONTENT (wt%)	30.0 – 36.6	IN-87
LEAD (PPM)	< 1.0	ICP-MS
ARSENIC (PPM)	< 1.0	ICP-MS
MERCURY (PPM)	< 0.1	ICP-MS
CADMIUM (PPM)	< 0.5	ICP-MS

MICROBIOLOGICAL DATA

TEST	SPECIFICATION	METHOD
TOTAL AEROBIC MICROBIAL COUNT	<10000 cfu/g	MI-10-01-E17
TOTAL YEAST AND MOULD COUNT	<300 cfu/g	MI-10-01-E17
<i>Staphylococcus Aureus</i>	ABSENCE/0.1g	MI-10-01-E31
<i>Escherichia Coli</i>	ABSENCE/g	MI-10-01-E15
<i>Enterobacteriaceae</i>	ABSENCE/0.1g	MI-10-01-E25
<i>Salmonella</i>	ABSENCE/30g	MI-10-01-E16

REMARKS

SHELF LIFE	24 months
PACKAGING	20 kg plastic bag inside a cardboard box
STORAGE	Should be stored in a dark, clean, cool and dry place. Make sure you keep packaging bags tightly closed.