

Certificate of Analysis

Product name	Mica Gold
Article number	ZGL-00155
Batch number	9208.24 (2005006)
Production date	December 6, 2020
Expiry date	December 6, 2030

Chemical composition

	Spee values	Batch values
Mica	56 - 64 %	58.5 %
TiO ₂	35 - 39 %	37.3 %
Red Iron Oxide	1 - 5 %	4.2 %

Analytical data

	Spee values	Batch values
Density	2.8 - 3.4 g/cm ³	3.1 g/cm ³
pH (10% aqueous solution)	7 - 11	7.1
Oil Absorption	70 - 90 g/100g	82.0 g/100g
Loss on drying (105 °C)	0 - 0.5 %	0.18 %
Particle size	10 - 60 µm	conform
Total amount of bacteria	< 100cfu/g	pass
Yeast and Mould	< 100cfu/g	pass
Pathogens	negative	pass
Colour & Lustre	visual	conform

Trace elements

Element	Spee values	Batch values	Element	Spee values	Batch values
Antimony (Sb)	max. 2 ppm	pass	Arsenic (As)	max. 1 ppm	pass
Lead (Pb)	max. 10 ppm	pass	Mercury (Hg)	max. 1 ppm	pass