

SIBELIUS™:LACTOMATO

Specifications for the dried powder of Lactolycopene (Sibelius™:LactoMato)

Test	Test Method	Specification
Appearance	Visual	A yellow to brick-red granular powder
Particle size	Internal w/w	≥90% passes 707µm sieve (24 mesh)
Assay of marker	HPLC	Lycopene ≥ 2% (w/w)
Loss on drying	Internal w/w	≤ 5%
Total ash content	Ph Eur	≤ 6%
Heavy metals: Lead Mercury Arsenic Cadmium	ICP-MS	≤ 1ppm ≤ 0.1ppm ≤ 1ppm ≤ 0.5ppm
Microbial limits: Total viable counts (TVC) Aerobic bacteria Yeasts/Moulds <i>Salmonella</i> spp. <i>Escherichia coli</i> <i>Staphylococcus aureus</i>	According to Ph. Eur. (2.6.12.) and (2.6.13)	≤ 1000 cfu/g ≤ 10 ² cfu/g Absent in 25g Absent in 10g Absent in 10g
Residual solvents Ethanol	GC	≤ 1.2%