



**GONMISOL**  
FINE INGREDIENTS

info@gonmisol.com  
www.gonmisol.com

Productos Químicos Gonmisol S.A.  
T: (+34) 93 313 61 18  
F: (+34) 93 314 74 27  
Cami de la Verneda 47-49  
Sant Adrià de Besòs 08930  
Barcelona - Spain (EU)

SOD/003

Certificate of analysis

Certificado de analisis

**Superoxide dismutase (SOD) 50 U/GR**

Batch	Manufactured	Expiration	Quantity
21011015	10/01/21	09/01/24	200 Kg

Botanical Name	Silphium perfoliatum L.
Part Used	Whole herb
Extract Solvents	Ethanol or Water

**PHYSICAL**

Appearance	Brown Powder	Complies	HR-Q36-2007
Loss on drying	≤5.0%	3.71%	CPh.
Ash	≤5.0%	1.92%	CPh.
Particle Size	100% pass 80 mesh	Complies	CPh.

**CHEMICAL**

Heavy metals	≤10 ppm	Complies	CPh.
Arsenic	≤1.0 ppm	Complies	CPh.
Pb	≤1.0 ppm	Complies	CPh.
Hg	≤0.1 ppm	Complies	CPh.
Cd	≤1.0 ppm	Complies	CPh.
DDT	≤0.1 ppm	Complies	CPh.
PCNB	≤0.1 ppm	Complies	CPh.
Solvent Residual	≤5000 ppm	Complies	CPh.
Aflatoxin	≤5 ppb	Complies	GB/T5009.22-1996

**ASSAY**

SOD Activity	≥50 U/G	56 U/G	HR-Q36-2007
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**MICROBIAL**

Total microbacterial count	≤10000 cfu/g	Complies	CPh.
Yeast and Mould	≤1000 cfu/g	Complies	CPh.
Escherichia Coli presence	Negative	Negative	CPh.
Salmonella	Negative	Negative	CPh.

Storage condition: Sealed, kept in a shady & dry place  
Shelf life: Two years