



GONMISOL
FINE INGREDIENTS

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Certificate of analysis

Certificado de analisis

**L-Phenylalanine
FCC6**

Batch	Manufactured	Expiration	Quantity
2108CR510	23/08/21	22/08/26	3000 Kg

Description	White crystals or crystalline powder	Crystalline powder
Identification (IR)	Concordant with the reference spectrum	concordant with the reference spectrum
Specific rotation $[\alpha]_{D20}$	-33.2° ~ -35.2°	-34.2°
Assay	98.5 ~ 101.5%	99.2%
Loss on drying	≤ 0.20%	0.03%
Residue on ignition	≤ 0.10%	0.02%
PH	5.4~6.0	5.53
Chloride	≤0.021	< 0.021%
Heavy Metals(Pb)	≤15ppm	< 15 ppm
Lead	≤ 3 ppm	< 3 ppm
Arsenic (As)	≤ 1 ppm	< 1 ppm
Mercury	≤ 0.1 ppm	< 0.1 ppm
Cadmium	≤ 1 ppm	< 1 ppm
Total Plate Count	≤ 10000 cfu/g	< 1000 cfu/g
Yeast&Mold	≤ 1000 cfu/g	< 100 cfu/g
Salmonella	Absent/10g	Absent/10g
Enterobacterias	Absent/g	Absent/g
Staphylococcus aureus	Absent/g	Absent/g
E.Coli	Absent/g	Absent/g

Conclusion: Passed test according to the Standard of FCC6