



distribuito da:
ANDREA GALLO DI LUIGI S.r.l.
azienda fondata nel 1892
Via Erzelli, 9 - 16152 Genova (Italy)
Tel. 010.650.29.41
www.andreagallo.it

Product Specification

GOMMA XANTANO FNOC 80 MESH

Pharmaceutical Grade (conform to Ph. Eur. / USP / FCC / EU)

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|-----------------|---|
| Product name | Xanthan Gum FNOC (Oral Care) |
| EC No. | 234-394-2 |
| CAS No. | 11138-66-2 |
| Characteristics | A white or yellowish-white, free-flowing powder, soluble in water giving a highly viscous solution, practically insoluble in organic solvents |

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| Granulation Product Code: | | |
| - FNOC (normal) | through 60 mesh (< 0.250 mm) | 100% |
| | through 80 mesh (< 0.180 mm) | min. 95% |
| Description | | free flowing powder |
| Identification | | conforms |
| Assay | | 91.0 – 108.0% |
| Viscosity | 1% xanthan gum in 1% KCl solution Brookfield LVTD, spindle 3, 60 rpm, 25°C | 1400 – 1600 mPa·s |
| Viscosity Ratio V1:V2 | | max. 1.45 |
| Loss on Drying | | max. 12.0% |
| pH (of 1% solution) | | 6.0 – 8.0 |
| Isopropyl Alcohol | | max. 500 mg/kg |
| Powder Color | | min. 70 |
| Pyruvic Acid | | min. 1.5% |
| Ash | | 6.5 – 16.0% |
| Nitrogen | | max. 1.5% |
| Heavy metals | | max. 10 mg/kg |
| Arsenic | | max. 2 mg/kg |
| Lead | | max. 2 mg/kg |
| Mercury | | max. 1 mg/kg |
| Cadmium | | max. 1 mg/kg |
| Organic volatile impurities | | passes USP test |
| Other Polysaccharides | | passes Ph. Eur. Test |
| Cellulase Activity | | negative |
| Total Plate Count | | max. 500/g |
| E. coli | | negative/25 g |
| Coliforms | | negative/25 g |
| Salmonella | | negative/25 g |
| Pseudomonas aeruginosa | | negative/g |
| Staphylococcus aureus | | negative/g |
| Enterococcus faecalis | | negative/g |
| Molds | | max. 50/g |
| Yeasts | | max. 50/g |
| Viable Cells of Xanthomonas campestris | | negative/g |

We herewith confirm that this product meets the requirements of the latest edition of the European Pharmacopoeia (Ph. Eur.), the United States Pharmacopeia (USP), the Food Chemicals Codex (FCC) and of Commission Regulation (EU) No 231/2012. All analytical methods are in accordance with the latest requirements of the Ph. Eur., the USP, the FCC or are equivalent. Test methods are available on request.