

# CERTIFICATE OF ANALYSIS

## Product Name

AMINO GLYCO KVIAR PF

## Batch Number

IA22028

## Production Date

24/01/2022

## Retest Date

14/01/2024

| CODE    | METHOD   | MINIMUM | MAXIMUM | RESULT  | UNIT  |
|---------|--|---------|---------|---------|-------|
| B001    | MICROBIOLOGICAL CONTROL Total Germs<br>(Mesophilic aerobic microorganisms, Yeast and Moulds) |         | 50,000  | <50     | cfu/g |
| B002    | MICROBIOLOGICAL CONTROL Pathogens.<br>(E. coli , S. aureus , P.aeruginosa , C albicans)      |         |         | Absence | cfu/g |
| L000    | ORGANOLEPTIC CHARACTERS (Appearance & Color)   |         |         | Conform |       |
| L007/4B | HEXOSAMINES (Hydrolyzed at 1 %)  | 0,500   | 2,000   | 0,85    | %     |
| L013I   | ULTRA-VIOLET SPECTRUM (water sol. at 0,3 %)  |         |         | Conform |       |
| L014    | pH (product as is) at 20° C  | 5,500   | 6,500   | 6,28    |       |
| L015    | INFRA-RED SPECTRUM   |         |         | Conform |       |
| L022E   | TOTAL REDUCING SUGARS (exprimed in glucose) sol. at 20 %                                     | 3,000   | 5,000   | 3,88    | %     |
| L025    | DENSITY at 20 °C   | 1,100   | 1,200   | 1,146   | g/ml  |
| L049H   | BIURET PROTEINS (s.w. 0,2 gr)  | 1,000   | 2,000   | 2,00    | %     |
| L061    | REFRACTIVE INDEX A 20°C  | 1,390   | 1,410   | 1,405   |       |
| L078E   | TOTAL ASHES (s.w. 5 gr)  | 0,000   | 2,000   | 0,94    | %     |
| L102    | CHARACTERISATION OF GLYCOGEN BY IODINE   |         |         | Conform |       |
| L170    | DRY EXTRACT (5 gr - 120 °C - 1h)   | 42,000  | 50,000  | 42,2    | %     |
| L172E   | AMINATED NITROGEN (NINHIDRINE) (water sol. at 2 %)   | 0,050   | 0,250   | 0,12    | %     |

## Observations

This information is the result of our quality control analysis.

It does not exempt buyer to make its own comprobations, and it must not be interpreted as a confirmation that the product has some properties or it is suitable for certain application.

Color or transparency of botanical extract might change after production, without affecting the properties of the product.

In case of turbidity, filter before use.