



## CERTIFICATE OF ANALYSIS

|                 |                           |                      |                    |
|-----------------|---------------------------|----------------------|--------------------|
| Galactic name : | GALAFLOW SL 60            | Lot N° :             | G-1807-100         |
| Galactic ref :  | SLFTL60                   | Manufacturing date : | 29.07.2018         |
| Product name :  | Sodium Lactate 60%        | Retest date :        | 28.07.2022         |
| Complies with : | Eur Reg 231/2012 - FCC(1) |                      | (1) Latest Edition |

|   | Unit   | Value  |
|---|--------|--|
| <b>PHYSICO-CHEMICAL PROPERTIES</b>      |        |  |
| Description                             | -      | Clear, hygroscopic and syrupy solution. It is almost odourless and miscible with water |
| Density (@20°C/68°F)                    | g/mL   | 1.32 - 1.34  |
| pH (fresh solution)                     | -      | 8.3  |
| pH (20% solution)                       | -      | 7.3  |
| <b>SENSORY CHARACTERISTICS</b>          |        |  |
| Colour (fresh solution)                 | Hazen  | 43   |
| <b>PURITY</b>                           |        |  |
| Positive test for lactate               | -      | Passes test  |
| Positive test for sodium                | -      | Passes test  |
| Sodium lactate content                  | % w/w  | 59.6   |
| Sodium content                          | % w/w  | 12.2   |
| Total acidity (as lactic acid)          | % w/w  | Max. 0.3   |
| Stereochemical purity                   | % L(+) | Min. 97  |
| Heavy metals (as Pb)                    | ppm    | Max. 10  |
| Iron                                    | ppm    | Max. 10  |
| Chloride                                | ppm    | Max. 50  |
| Sulphate                                | ppm    | Max. 20  |
| Cyanide                                 | ppm    | Max. 0.3   |
| Lead                                    | ppm    | Max. 2   |
| Arsenic                                 | ppm    | Max. 1   |
| Mercury                                 | ppm    | Max. 1   |
| Reducing substances (sugars)            | -      | Passes test  |
| Citrate, oxalate, phosphate or tartrate | -      | Passes test  |
| Methanol and methyl esters              | ppm    | Max. 50  |

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