



® Przedsiębiorstwo Przemysłowo-Handlowe „STANDARD” sp. z o.o.

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Number **21-024125**

Issue date **09.09.2021**

Publication **1**

Quality department

## Certificate of Quality

Product name

**POWDERED SUNFLOWER LECITHIN 100, E322**

Formula

-

Type

**For food industry**

Delivery Lot

**21-024125**

Batch number(s)

**27/2021/AC;**

Net weight

Packaging

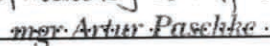
Certificate used for

| No. | Parameters                | Unit                      | Guaranteed parameters                                                                                                                          | Results<br>27/2021/AC |
|-----|---------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1.  | Appearance                | .                         | sunflower lecithin 100 is a mixture of phosphatides obtained by physical processes from foodstuffs of plant origin - sunflower liquid lecithin | conforms              |
| 2.  | consistency               | .                         | homogeneous, free-flowing powder, permissible lumps easily disintegrating                                                                      | conforms              |
| 3.  | Taste and odour           | .                         | specific, without foreign tastes and odors                                                                                                     | conforms              |
| 4.  | Colour                    | .                         | From yellow - gray to light straw                                                                                                              | conforms              |
| 5.  | Insoluble in acetone      | min %                     | 96,0                                                                                                                                           | 98,4                  |
| 6.  | Insoluble in toluene      | max %                     | 0,3                                                                                                                                            | <0,14                 |
| 7.  | Loss on drying (110°C)    | max %                     | 2,0                                                                                                                                            | 1,67                  |
| 8.  | Peroxide value            | max meqO <sub>2</sub> /kg | 10,0                                                                                                                                           | <0,1                  |
| 9.  | Acid value                | max mgKOH/g               | 35,0                                                                                                                                           | 19,6                  |
| 10. | As                        | max mg/kg                 | 3,0                                                                                                                                            | <3,0                  |
| 11. | Pb                        | max mg/kg                 | 2,0                                                                                                                                            | <2,0                  |
| 12. | Hg                        | max mg/kg                 | 1,0                                                                                                                                            | <1,0                  |
| 13. | Pesticide residue content | max                       | in accordance with applicable food law                                                                                                         | conforms              |
| 14. | Total plate count in 1g   | .                         | 3000                                                                                                                                           | <1400                 |
| 15. | E.coli in 1g              | .                         | absent                                                                                                                                         | absent                |
| 16. | Salmonella in 25g         | max                       | absent                                                                                                                                         | absent                |
| 17. | Moulds in 1g              | max                       | 100                                                                                                                                            | <10                   |
| 18. | Yeast in 1g               | max                       | 100                                                                                                                                            | <10                   |

Certificate is issued according to producer / supplier quality certificate 8.

Production date: 07.2021

Best before end: 06.2023

| Prepared by                                                                                                                    | Confirmed                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Anna Jankowska (SD)<br>date: 2021-09-09<br> | Katarzyna Stępniewska (SD)<br>date: 2021-09-09<br>Kierownik Działu<br>Kontroli Jakości<br>z up. Katarzyna Stępniewska<br> |