



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

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Number **23-020025**

Issue date **08.08.2023**

Publication **1**

Quality department

Certificate of Quality

Product name POWDERED SUNFLOWER LECITHIN 100, E322
Formula -
Type For food industry
Delivery Lot 23-020025
Batch number(s) 47/2022/A;
Net weight
Packaging
Certificate used for

| No. | Parameters | Unit | Guaranteed parameters | Results 47/2022/A |
|-----|---------------------------------|--------------|--|----------------------|
| 1. | Appearance | . | sunflower lecithin 100 is a mixture of phosphatides obtained by physical processes from foodstuffs of plant origin - sunflower liquid lecithin | conforms |
| 2. | Consistence | . | 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. | Identification | . | soluble in water, insoluble in ethanol | conforms |
| 6. | Loss on drying in 110°C | max % | 2,0 | <1,25 |
| 7. | Peroxide value | max meqO2/kg | 10,0 | <0,1 |
| 8. | Acid value | max mgKOH/g | 35,0 | 31,4 |
| 9. | Substances insoluble in acetone | min % | 96,0 | 99,1 |
| 10. | Insoluble in toluene | max % | 0,3 | 0,098 |
| 11. | As | max mg/kg | 3,0 | <3,0 |
| 12. | Pb | max mg/kg | 2,0 | <2,0 |
| 13. | Hg | max mg/kg | 1,0 | <1,0 |
| 14. | Total plate count in 1g | max . | 15000 | <10 |
| 15. | E.Coli in 1g | . | absent | not detected |
| 16. | Salmonella in 25g | . | absent | not detected |
| 17. | Moulds in 1g | max . | 100 | <10 |
| 18. | Yeast in 1g | max . | 100 | <10 |
| 19. | Allergens | . | absent | absent |
| 20. | EU Number | . | E322 | E322 |

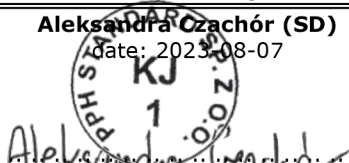
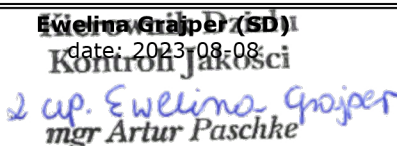
Certificate is issued according to producer / supplier quality certificate 10.

Production date: 11.2022

Best before end: 10.2024

Lejárát meghosszabbítva: 2025. 10. 01.



| Prepared by | Confirmed |
|--|--|
| <p>Aleksandra Ozachór (SD) date: 2023-08-07</p>  | <p>Ewelina Grajper (SD) date: 2023-08-08</p>  |