



Specification

Concerning Product:	
Article number	20500
Trade name / designation / denomination	Lecithin ex ovo
CAS number	8002-43-5
Other names / synonyms	•Lecithin; •Lecithin P 30; •Lecithin ex ovo; •Lecithins; •Ovothin 160; •Soya Lecithin;
EC number	232-307-2
Customs tariff number / CN code / TARIC	29232000

Parameter	Specification	Unit
Organoleptic test		
Colour	light yellow - yellow	
Physical parameter		
Form	coarse agglomerates	
Loss on drying	≤ 2,0	%
Solubility	Chlorinated hydrocarbons soluble from 20 °C	
Solubility	Fat soluble from 60 °C	
Solubility	in Water dispersible 20 °C	
Solubility	Paraffin soluble from 50 °C	
Identity		
Assay	D,L- α -Tocopherol ≥ 0,05	%
Assay	Iodine value 63 – 69	%
Assay	Peroxide value ≤ 5	
Assay	Phosphatidylcholine ≥ 70,0	%
Assay	Phosphorus 3,6 – 4,0	%
Identification	complies Thin-layer chromatography Solvent system: chloroform/methanol/water (65:25:4, v:v:v) Visualisation: copper sulphate (grey/black)	
Impurities		
Free Fatty Acid	Linoleic acid 14 – 18	
Free Fatty Acid	Linolenic acid ≤ 1,0	
Free Fatty Acid	Oleic acid 24 – 30	
Free Fatty Acid	Palmitic acid 27 – 30	
Free Fatty Acid	Stearic acid 11 – 18	
Heavy Metals (as Pb)	≤ 10	mg/kg
Residual Solvents		
Residual solvents	Ethanol: ≤ 5	
Fatty Acid composition		
Poly-unsaturated fatty acids	C20 and higher 6 – 12	%
Microbiological data		
Aerobic microorganisms	(TAMC): ≤ 1000	CFU/g
Escherichia Coli.	Absent	/10g
Salmonella	Absent	/10g
Yeast and Mould	(TYMC): ≤ 100	CFU/g

Supplemental information:

Derivation: Phospholipids (P x 25.0 ≥ 90,0 %)

Storage conditions: Recommended storage: in closed containers at -20 ± 5 °C. To avoid a negative impact on the product quality by humidity, a cooled product unit must not be opened without prior conditioning to ambient temperatures. Close open containers immediately.

Chemische Werke Hommel GmbH & Co.KG

This document was generated electronically and is valid without signature.

Waltrop, 15. Oct. 2020

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts of the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.