

NOVASTELL

ESSENTIAL INGREDIENTS

Data Sheet - CHOLINACTIVE P30 IP

Product informations

Description	Non GMO deoiled lecithin enriched in phosphatidylcholine 30%
Origin	Soya
Product certifications	certified IP by Food Chain ID, HALAL, KOSHER
Applications	Emulsifier - E322, food supplement
Aspect	Yellow to light brown powder

Physico-chemical specifications

	Method	Specifications
Acetone insoluble	AOCS Ja 4-46	95% min.
Phosphatidylcholine	31P-RMN	30% min
Phosphatidylinositol	31P-RMN	12-16%
Phosphatidylethanolamine	31P-RMN	9-14%
Phosphatidic Acid	31P-RMN	3-6%
Loss on drying	1 hour at 105°C	2% max.
Peroxide value	AOCS Ja 8-87	10 meq/kg max.
Acid value	AOCS Ja 6-55	35 mg KOH/g max.
Toluene insoluble	JECFA	0,3% max.
GMO status	PCR	< 0,1%

Bacteriological specifications

Total plate count	NF EN ISO 4833-1	3000 cfu/g max.
Yeasts and moulds	NF V08-036	< 200 cfu/g max.
<i>Enterobacteriaceae</i>	NF V08-054 (37°C)	< 100 cfu/g max.
<i>E. Coli</i>	ISO 16649.3	none in 1 g
<i>Salmonella</i>	Rapid salmonella	none in 25 g

Heavy metals

Lead	ICP-MS	< 2 mg/kg
Arsenic	ICP-MS	< 1 mg/kg
Cadmium	ICP-MS	< 1 mg/kg
Mercury	ICP-MS	< 0,1 mg/kg

Packaging

20kg or 2x10kg polyethylene bag in cardboard box

Storage

CHOLINACTIVE P30 IP must be stored in its original packaging until its final utilization with a 24 months shelf-life when kept in a cool and dry place.

Regulation

CHOLINACTIVE P30 IP is considered as a food additive according to the European regulation n° 231/2012/EC. Lecithin is recognized as GRAS (Generally Recognized As Safe) in the United States. Directive 2002/46/EC relative to food supplements

All recommendations as well as formulations made herein are based on data to be believed reliable. Because of operating conditions in our customers plant are beyond our control, we cannot assume responsibility for risks, formulas or liabilities that may result from the use of our products.

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