

# SONIC BIOCHEM EXTRACTIONS PRIVATE LIMITED

38, Patel Nagar, Indore-452001 Madhya Pradesh India

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Manufactured at--- Plot No E-36, Phase- 1, SEZ, Sector- 03, Pithampur, Dist-Dhar ( MP ) 454775

## CERTIFICATE OF ANALYSIS

MATERIAL NO	300000003	SHELF LIFE	: 24 MONTHS
PRODUCT	INDIAN NON GMO SOY LECITHIN	DATE OF MANUFACTURING	: 22-09-2022
BATCH NO.	SLS-564-22	EXPIRY DATE	: 21-09-2024
INSPECTION LOT	24.000 MT		

PARAMETERS	SPECIFICATION	RESULTS
<b>ORGANOLEPTIC ANALYSIS</b>		
CHARACTERISTICS	100% Pure soya lecithin (non modified non fractioned )	100% Pure soya lecithin (non modified non fractioned )
COLOUR	Light brown to yellow	Light brown to yellow
TEXTURE	Viscous, without foreign particles	Viscous, without foreign particles
ODOUR	Typical, Predominantly Soya	Typical, Predominantly Soya
FLAVOUR	Pure typical flavour of soya (not acidulous or rancid ) without bitter note	Pure typical flavour of soya (not acidulous or rancid ) without bitter note
<b>CHEMICAL &amp; PHYSICAL ANALYSIS</b>		
GARDNER COLOUR ( 10 % solution in Toluene )	Max. 11	11
Moisture	Max. 1%	0.65 %
Acid Value	Max. 30 mg KOH/g	26.53 mg KOH/g
Viscosity	8 - 12 PAS (at 25°C)	8.8 PAS
Toluene Insolubles	Max. 0.3%	0.15 %
Hexane Insolubles	Max. 0.3%	0.15 %
Peroxide Value	Max. 5 meqO2/kg	0.40 meq O2 / Kg
Acetone Insoluble Matter	Min. 62 %	62.27 %
<b>MICROBIOLOGICAL ANALYSIS</b>		
Total Plate Count	Max. 1000 cfu / g	80 cfu / g
Enterobacteriaceae	Absent / g	Absent / g
Coliforms	Absent / g	Absent / g
E.Coli	Absent / 10 g	Absent / 10 g
Yeast	Max. 10 cfu / g	8 cfu / g
Moulds	Max. 10 cfu / g	8 cfu / g
Salmonella	Negative / 250 g	Negative / 250 g
Bacillus Cereus	Max. 10 cfu / g	Absent / g
Staphylococcus Aureus	Max. 10 cfu / g	Absent / g
<b>GMO Content</b>		
35 S Promoter Qualitative	Max. 0.1%	Not detected
t-NOS ( NOS Terminator ) Qualitative		Not detected
Fig Mosaic Virus Promoter Qualitative		Not detected
Cotton Reference Gene		Not detected
Soy BPS-CV-127-9 Qualitative		Not detected

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## CERTIFICATE OF ANALYSIS

MATERIAL NO 300000003  
PRODUCT INDIAN NON GMO SOY LECITHIN SHELF LIFE : 24 MONTHS  
BATCH NO. SLS-564-22 DATE OF MANUFACTURING : 22-09-2022  
INSPECTION LOT 24.000 MT EXPIRY DATE : 21-09-2024

CONTAMINANTS		
BHA and BHT	Absent	Absent
Sum of dioxins (OMS-PCDDF-TEQ)	Max. 0.75 ng / kg	< 0.75 ng / kg
Sum PCB 28-52-101-138-153-180	Max. 40 ng / g	< 40 ng / g
Organic Solvent Hexane	Max. 1 ppm	< 1 ppm
Lead Pb	Max. 0.1 ppm	< 0.1 ppm
Cadmium Cd	Max. 0.05 ppm	< 0.05 ppm
Mercury Hg	Max. 0.03 ppm	< 0.03 ppm
Chromium Cr	Max. 2 ppm	< 2 ppm
Arsenic As	Max. 0.1 ppm	< 0.1 ppm
Copper Cu	Max. 15 ppm	< 15 ppm
Zinc Zn	Max. 40 ppm	< 40 ppm
Pesticides	Conform to EU Regulation	Conform to EU Regulation

Analyzed By

Date 21-03-2024

Assistant Manager

( Quality Control )