श्री गोगुन्दा गणपति नमः

VITAL EXTRACTSS

Suppliers of : Cold Pressed Oils | Essential Oils | Herbal Extracts (WS & OS) .

ANALYSIS REPORT OF : ALLIUM SATIVUS (GARLIC) OIL EXTRACT 500:1

PART USED	**CLOVES/BULBS**	**HERB RATIO**	**500:1**
BATCH NO.	**GA OR AL 01 / APR 26**	**MFG DATE**	**APR 26**
BEST BEFORE	**3 YEARS FROM DATE OF MFG.**		
EXTRACTED BY	**STEAM DISTILLED**		

DETAILS OF ANALYSIS

Tests	Limits	Protocol	Result
Description	LIGHT YELLOW BROWN TO ORANGE COLOURED liquid	Visual	**COMPLIES**
Organoleptic test	Characteristic	Organoleptic	**Characteristic**
Physico-chemical analysis			
Moisture (% w/w)	< 1.0	As per USP <921> Method III	**0.02%**
Solubilities (% w/w)			
In OIL	SOLUBLE	By USP METHOD	**SOLUBLE**
Heavy metal analysis			
Lead	< 10 ppm	AAS / ICP-ES	**< 1 PPM**
Cadmium	< 1 ppm		**< 0.1 PPM**
Arsenic	< 1 ppm		**<0.1 PPM**
Mercury	< 1 ppm		**< 0.1 PPM**
Microbiological analysis as per FIP Guidelines			
Total Viable Aerobic Count	< 10^4 cfu g-1	As per WHO/PHARMA/92.559/Rev.1 Pg.49-52	**025 CFU/GM**
Total Enterobacteriaceae	< 10^2 org g-1		**10 ORG/GM**
Total Fungal Count	< 10^2 fs g-1		**10FS/GM**
Test for Specific Pathogen As per FIP Guidelines			
E. coli (1g)	Absent		**ABSENT**
Salmonella Sp. (10g)			
S.aureus (1g)			
Mycotoxin analysis			
Aflatoxins (B1 + B2 + G1 + G2)	Absent	As per USP Test for Aflatoxins	**ABSENT**
ACTIVE INGREDIENT			
ALLICIN	Min. 30 %	BY GC METHOD	**31.18**