



CERTIFICATE OF ANALYSIS

PRODUCT : **CLOVE BUD OIL**
LOT NO. : 19032802
MANUFACTURING DATE : March: 2019
BEST BEFORE : February: 2022
STORAGE CONDITION : Shake well before use, store under cold condition (at 20°-25°C), Protect from Sun light & heat.
DESCRIPTION : The product is natural and is obtained by the steam distillation of the buds of *Eugenia caryophyllata*.

ANALYSIS REPORT:

	SL. NO.	PARAMETERS	SPECIFICATION	ANALYSIS
PHYSICAL TEST REPORT	1.	Colour & Appearance	Colourless to pale yellow clear liquid	Complies
	2.	Odour	A pungent spicy eugenol like odour	Complies
	3.	Solubility	Soluble in 90% ethanol	Complies
	4.	Specific Gravity at 20°C	1.0300 to 1.0650	1.0620
	5.	Refractive Index at 22.6°C	1.5250 to 1.5350	1.5321
	6.	Optical Rotation at 24°C	-2.0° to +1.0°	-0.20°
By GC Analysis	7.	Eugenol	70 to 85%	81.29%

Remark:The product confirms as per In-house specification.

QA & QC