

Certificate of Analysis [C.O.A]

PRODUCT NAME	Caraway Oil	
CAS Number	8000-42-8	
Botanical Name	Carum carvi	
SOURCE	Steam distillation extraction of caraway dried seeds	
PRODUCT APPEARANCE	Colorless to dark yellow clear liquid	By visual inspection
SOLUBILITY	Soluble in alcohol and oils. Insoluble in water	
Specific Gravity	0.900 to 0.910 @ 25 °C	Complies
Refractive Index	1.4840 to 1.4880 @ 25 °C	Complies
Optical Rotation	+70° to +80° @ 25 °C	Complies
Heavy metal	Not more than 5ppm	
Microbial Count	Nil	
Storage	Keep in a cool, dry, dark location in a tightly sealed container	
Physical Handling	Avoid direct physical contact	
COMPOSITION / MAJOR COMPONENTS DATA		
I-carvone	58-63%	
AFLATOXINS(B1,B2,G1,G2)	Nil ppb	
Lot Number :		
Manufacturing Date :	December 2018	
Expiry Date :	December 2020	