

# Extraction and Formulation of Perfume from Pelargonium Graveolens Essential Oil

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**Abstract:** *Essential oils are found in different plants these are different from fatty oils because they evaporate on contact with air and they possess a pleasant taste and strong aromatic odour. The main compounds of geranium is citronellol (24.54%) Geraniol (15.33%) Citronellyl formate (10.66%) and linalool (9.80%) The essential oil of Pelargonium Graveolens from the areial parts obtained by steam distillation and analyzed by gas chromatography mass spectrometry (GC-MS) and this oil are used in high grade perfumery. perfume industries are growing demand as the living standards improving day by day. The increasing demand of perfume they mask the body odour. various methods of oil extraction such as solvent extraction, hydrodistillation, expression and steam distillation can be used for oil extraction. Distillation based processes steam and vacuum distillation preferred for the extraction of essential oils from the Pelargonium Graveolens plants. The extracted essential oils was formulated into perfume using a fixative and carrier solvent.*

**Keywords:** Essential oil, Citronellyl, Geraniol, extraction, steam distillation

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