matian Islands from the leaves of the laurel tree (*laurus nobilis*).

During the winter months from September to March the twigs of the laurel trees are trimmed and the leaves are then submitted to distillation. Fresh leaves give about 0.5% of oil whereas dried leaves yield about 0.8%

An important producing center for oil of laurel on the Dalmatian Islands is San Martino di Cherso. As a maximum, 250 kilos were produced there in 1929 and this has fallen to 50 kilos of late.

Most of the oil produced was exported to Germany. A pure oil of laurel leaves when analyzed showed the following properties:

Specific Gravity 15° C.:	0.926
Optical Rotation:	—14° 6′
Refractive Index 20° C.:	1.4695
Saponification Value:	27.1
Solubility:	Slightly opalescent in 3 volumes of 70% alcohol; opalescent with more.

The following constituents have been found to occur in oil of laurel leaves: α-pinene, β-pinene, α-phelandrene, cineol (main constituent), l-linalool, l-α-terpineol, geraniol, methyl eugenol, acet-eugenol, eugenol, a sesquiterpene, acetic—, iso butyric—, iso valeric— and capronic acids.

Oil or laurel leaves is used mainly for flavoring purposes and gives very satisfactory results.

Oil of Helichrysum

Helichrysum oil is distilled in Dalmatia from *helichrysum-angustifolium*. It was produced for the first time in Dalmatia on the island of Cherso in 1908.

The helichrysum plant grows wild on the Dalmatian Islands particularly in Cherso and Lussino and is outstanding not only because of its brilliant yellow color but also because of its strong and characteristic perfume.

Only the fresh plant can be submitted to distillation since after twenty-four hours fermentation sets in. Therefore, the plant lots coming into the distillery must be worked up the same day. Distillation of one charge lasts about an hour and the yield of oil is about 0.10%.

Cutting of the plant material is done with sickles. The stalks contain practically no essential oil which is entirely assembled in the flowery top and in the leaves.

Constants of the Oil

A pure oil of helichrysum as distilled in San Martino de Cherso has the following properties:

Specific Gravity 15°:	0.904
Optical Rotation:	—0° 30′
Refractive Index 20°:	1.4741
Saponification Value:	122.3
Total Geraniol:	41.5%
Solubility:	Soluble in 0.5 volumes and more of 90% alcohol.

The chemical constitution of oil of helichrysum is very interesting. An exact study has been made of late and will be reported in the near future after completion of the work.