



# INDOFINE Chemical Company, Inc.

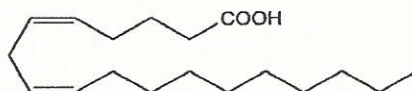
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## 5(Z),8(Z)-Octadecadienoic acid (Sebaleic acid)



Amount: 5 mg

Solvent: 95% ethanol containing 10 µg butylated hydroxytoluene (BHT) antioxidant

Volume: 0.5 mL

Cat. no.: 10-1858

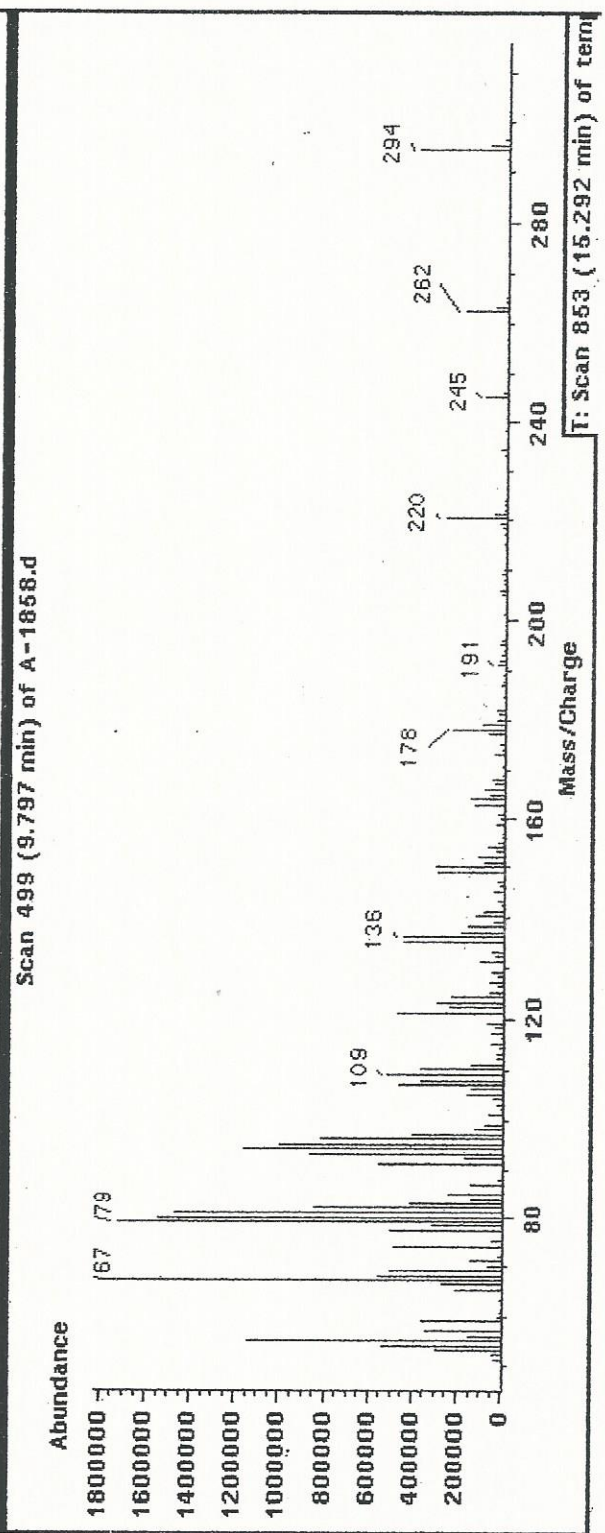
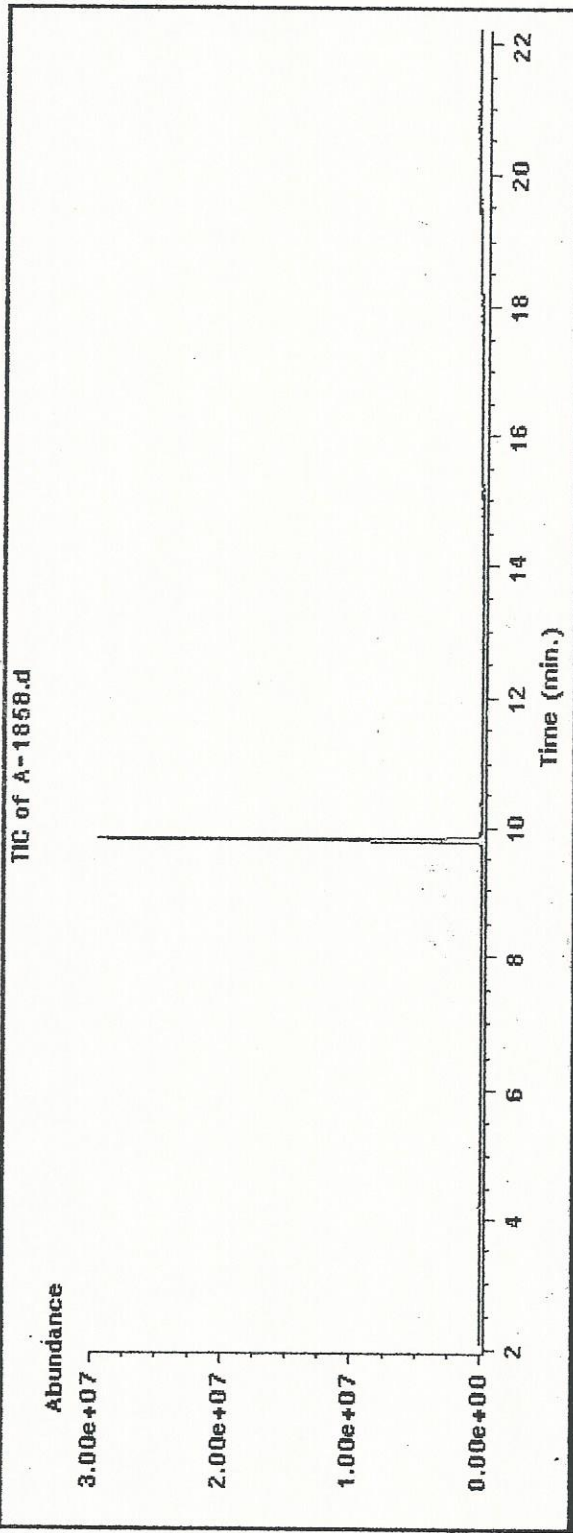
Lot No.: LX-228

### Identity

The identity of the material is based on its mode of preparation and on the mass spectrum of the methyl ester derivative showing *e.g.* a molecular ion at  $m/z$  294 (mass spectrum attached).

### Purity

>98%. The purity was determined by GC-MS analysis of the methyl ester derivative using a capillary column of 5% phenylmethylsiloxane (12 m, 0.33 µm film thickness, carrier gas: helium). The temperature was raised from 120°C to 320°C at a rate of 10°C/min (GC-MS analysis attached). Analysis by GLC (FID detection) was carried out using a methylsilicone capillary column (25 m, 0.33 µm film thickness, carrier gas: helium). The oven temperature was increased from 150°C at a rate of 10°C/min (chromatogram attached).



GLC-FID  
Oven 150°C, raised at 10°C/min

