



ANFI NATURALS

AROMA NATURAL FLAVOUR INGREDIENTS LLP  
Syndet India Plot # 19, Amlı Industrial Estate  
Amlı Silvassa- 396230  
Tel # 6358828149

## TECHNICAL DATA SHEET

**Product Name:**

ALPHA ANGELICA LACTONE NATURAL

**CAS Number:**

591-12-8

**FEMA Number:**

3293

**EU FLAVIS Number:**

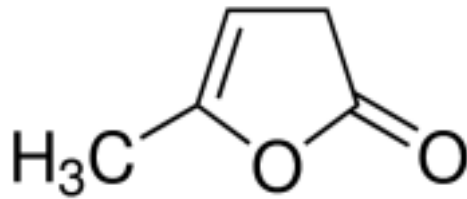
10.012

**Molecular Weight:**

98.10122

**Molecular Formula:**

$C_5H_6O_2$



**Molecular Structure**

**Synonyms:**

4-HYDRO-3-PENTENOIC ACID G-LACTONE, 5-METHYL FURANONE  
5-METHYL-3H-FURAN-2-ONE

**CAS Name:**

4-hydroxy-3-pentenoic acid lactone

**Organoleptic Properties**

**Odor strength Odor Description:**

Medium, Recommended smelling in 10% solution or less Sweet

**Taste Description:** solvent-like, nutty, oily

Sweet, creamy, coconut, nutty

**SPECIFICATIONS**

**Purity:**

96 - 100 %

**Appearance:**

White crystals

**Acid Value:**

0.18 mg KOH/g

**Refractive Index:**

1.44000: 1.46000 at 20 deg C

**Specific Gravity:**

1.08800 To 1.11000 at 25 deg C

**TECHNICAL INFORMATION**

**Flash Point:**

155.00 deg F (TCC) (68.33 °C)

**Boiling Point (approx):**

167.00- 170.00 °C @ 760 mm Hg.

**Solubility:**

soluble in alcohol, Insoluble in Water

**Log P:**

0.236 (est)

**PACKAGING AND STORAGE**

**Recommended Packaging:**

Glass, Plastic, Aluminum or Phenolic Lined Steel

**Shelf Life:**

12 Months or more If stored correctly.

**Recommended Storage:**

Store tightly sealed under inert gas in a cool, well-ventilated area.