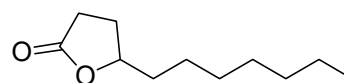


## SPECIFICATION SHEET

### GAMMA-UNDECALACTONE NATURAL, OPTICAL ACTIVE

**Code: N30911**

Chemical name	5-Heptyldihydro-2(3H)-Furanone; 4-Undecanolide
Synonyms	Peach Aldehyde; Undeca-1,4-Lactone
Formula	C <sub>11</sub> H <sub>20</sub> O <sub>2</sub>
Molecular weight	184.28
Tariff No.	2932.20
CAS No.	104-67-6
FEMA No.	3091
EINECS No.	203-225-4
Food grade	YES



#### SPECIFICATIONS

Appearance	Colorless to slight yellow liquid		
Odor:	Fruity, peach		
Solubility (25°C)	Insoluble in water, 1 ml soluble in 5 ml 60% alcohol		
		Lower Limit	Upper Limit
Specific gravity	25°C	0.942	0.945
Refractive index	20°C	1.448	1.453
Boiling point:	°C	297	
Acid Value	mg KOH/g		5.0
Flashing point	°C	113	
Rotation degree	20°C	+25°	+40°
Assay (GC):	%	98	

#### ADDITIONAL DATA

Kosher certificate:	Available
Halal certificate:	Available

#### STORAGE AND PACKING

Standard packing:	In plastic drums, net weight 25 kilos.
Storage:	Keep in tightly closed container in a cool and dry place, protected from light
Shelf life	12 months under suggested storage conditions, quality should be checked before use

Version	8.0	Version date	2018-11-01
---------	-----	--------------	------------

Quality defines a brand, reputation builds an alliance.