

UNDECALACTONE GAMMA

Synonyms: Peach Aldehyde, Aldehyde C-14

Specification Data Sheet

Structure Formula	C ₁₁ H ₂₀ O ₂
Molecular Weight	184.28
CAS Reg. No.	104-67-6
FEMA Code	3091
Tariff code	2932.2900



Dihydro-5-heptyl-Furanone

Odor **PEACH-LIKE, FRUITY**

Description **Occurs in products such as Apple, Apricot, Butter, Cooked Pork, Cooked Rice, Passion Fruit, Peach. Mosciano, et. al. report that this material has a "creamy, fatty, fruity, coconut, peach, lactonic, fruity" odor and a "fatty, coconut, creamy, vanilla, nutty, peach" taste at 20 ppm. Discovered about 1900, this lactone has been the basis for Artificial Peach flavors for many years although it is only relatively recently (1965) that it was found in Peach as a very minor constituent.**

Usage **Widely used in fruity accord especially in Peach flavor. Also suitable for fragrance with heavy Fruity floral odors**

Appearance	Colorless to pale yellow liquid	
Purity	98% min. by GLC	
Flash Point	137°C	
Boiling Point	297°C	
Specific Gravity	0.941-0.944 g/ml at 25°C	
Refractive Index	1.440-1.454 at 20°C	
Acid Value	Max. 2mg KOH/g	
Heavy Metals	Arsenic(As)	Max. 3mg/kg
	Lead(Pb)	Max. 10mg/kg
	Cadmium(Cd)	Max. 1mg/kg
	Mercury(Hg)	Max. 1mg/kg

Solubility soluble in alcohol 95% at all proportion, insoluble in water

Storage Keep in tightly closed container, Store in cool, ventilated place, re-test after 2 years from the date of production.

Package 190kg standard Iron drum (58X58X90cm, 53 gallon)

Certificate Status KOF-K Kosher Parve, IFANCA Halal Certificated

Safety handling Separately MSDS available on request

Declaration Information listed on this sheet is to the best of our knowledge reliable. However, users should do their own tests to decide the suitability of our products for their own application purpose. Data listed herein should not be considered as a guarantee of any kind, no liability is accepted for the infringement of any patents.



KOF-K Kosher Parve



IFANCA Halal

Last revised: 10th Nov. 2006

Beijing Peking University Zoteq co., Ltd.

Add.: Block 3. No. 699, Zhenchen Road,
Shanghai 200444 P. R. China

Tel: 86-21-3616-2014/24/34/44/75 Fax: 86-21-3616-1051



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