



**BOYAJIAN INC.**  
**144 WILL DRIVE**  
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### **SPECIFICATION SHEET**

**PRODUCT NAME:** Pure Orange Oil

**INGREDIENTS:** Pure Orange Oil Pressed From Fresh Oranges

**PROCESS:** Expeller pressed

**APPEARANCE:** It is an intensely yellow, orange or deep orange liquid with the characteristic odor and taste of the outer part of fresh orange peel.

**APPLICATION;**

	Concentration in Final Product (%)
Nonalcoholic Beverage:	NA PPM
Ice cream,Ices, Etc.:	NA PPM
Candy:	NA PPM
Baked Goods:	NA PPM
Gelatins & Puddings:	NA PPM
Chewing Gum:	NA PPM

**LIMITS OF IMPURITIES:** NA

**ASSAY:** NA

**EMPIRICAL FORMULA/  
MOLECULAR WEIGHT:** NA

**OPTICAL ROTATION:** 94 TO 99

REFRACTIVE INDEX @20 C: 1.4720 TO 1.4740  
SPECIFIC GRAVITY @25 C: 0.8420 TO 0.8460  
FLASH POINT (closed cup): 113F  
MELTING POINT: NA  
BOILING POINT: NA  
UV SPECTRA: CD not less than .13  
ALDEHYDE CONTENT: 1.2 to 2.5% aldehyde calculated as decylaldehyde  
ACID VALUE: NA  
SOLUBILITY : It is miscible with dehydrated alcohol  
and with carbon disulfide. It is soluble with  
glacial acetic acid.

STORAGE RECOMMENDATION: Store in glass, aluminum, or double  
lined containers in a cool area away  
from direct heat.

SHELF LIFE: 2 Years

KOSHER CERTIFIED: Yes

COUNTRY OF ORIGIN: United States

ALLERGENS: All of Boyajian's products are gluten free in  
and of themselves.

However, this product may be bottled on  
equipment shared with peanuts and soy.