

# trans-2-DECEN-1-AL FCC

## BRI #354

### Description:

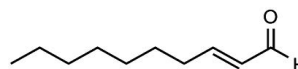
Waxy, citrus peel notes, with fatty (tallow) notes.

### Use:

Great for citrus flavors, especially orange and grapefruit.  
Also good for other fruit flavors including tropical.

## FLAVOR INGREDIENT

**CAS Number:** 3913-81-3  
**FEMA Number:** 2366  
**FLAVIS Number:** 05.191; 05.076  
**GB Number:** S0153



### DETAILS

**Chemical Name:** 2-Decenal, (2E)-  
**Suggested Use Level:** 1.00 PPB - 0.10 PPM

**Molecular Weight:** 154.25  
**Molecular Formula:** C<sub>10</sub>H<sub>18</sub>O

### SPECIFICATIONS

**Minimum Purity:** 96.0% (sum of isomers)  
• **Main Isomer:** 95.0% min. (trans)  
• **Secondary Isomer:** 0.1% -2.0% (cis)  
**Appearance:** Slightly yellow liquid  
**Additives:** Synthetic alpha tocopherol at 0.50%

### TECHNICAL

**Log P:** 3.550  
**Flash Point:** 203°F (CC)  
**Boiling Point:** 230.00°C (EPI 4.0)  
**Vapor Pressure:** 0.0508 mmHg at 20°C  
**Solubility:** Insoluble in water; soluble in alcohol  
**Nature Identical:** Yes  
**Kosher:** Yes  
**Halal:** Yes