

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Heptanal (Aldehyde C-7) (n-Heptaldehyde), Natural
FEMA No:	2540
CAS No:	111-71-7
CFR No:	117
Chemical name or Synonyms:	Heptaldehyde
Empirical Formula:	C₇H₁₄O
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Colorless to pale yellow liquid
Odor:	Fatty, harsh, pungent
Boiling Point:	153°C
Flash Point:	35°C
Specific Gravity @ 25°C: (for liquids only)	0.814-0.824
Refractive Index @ 20°C: (for liquids only)	1.412-1.420
Purity (GLC):	92% Min
Solubility:	Slightly soluble in water; miscible in alcohol, ether, fixed oils
Storage and Shelf Life:	Store cool, under nitrogen in tightly closed container away from light and ignition sources. 6 months shelf life

Revision #4 8/12/2022