

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Valeraldehyde, Natural
FEMA No:	3098
CAS No:	110-62-3
CFR No:	117
Chemical name or Synonyms:	Pentanal
Empirical Formula:	C₅H₁₀O
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Colorless to pale yellow clear liquid
Odor:	Powerful, acrid, pungent
Boiling Point:	103°C
Flash Point:	13°C
Specific Gravity @ 25°C: (for liquids only)	0.805-0.809
Refractive Index @ 20°C: (for liquids only)	1.390-1.395
Purity (GLC):	97% Min
Solubility:	Soluble in alcohol, insoluble in water
Storage and Shelf Life:	Store cool under nitrogen, in a well ventilated area, avoiding sources of light and ignition. Metal containers should be electrically grounded when transferring or handling the product- 12 Months shelf life

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