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Product Specifications

Catalogue Number	42796
Product	5-Hydroxymethyl-2-furaldehyde (stabilized) 5-(Hydroxymethyl)furfural (stabilized with water)
CAS Number	67-47-0
Molecular Formula	C ₆ H ₆ O ₃
Molecular Weight	126.11

Warnings	<i>Light Sensitive, Air Sensitive, Heat Sensitive! Store under inert gas!</i>
Appearance	Yellow to amber to dark purple clear liquid
Solubility	Soluble in chloroform, ether, benzene. Very soluble in dimethylformamide, methanol, ethanol, acetone. Completely soluble in water
Melting Point	28 - 35 °C
Boiling point	114-116°C (1 mmHg)
Flash Point	79 °C
Density	1.243
Refractive Index	n_D^{20} 1.56
Water Content (Karl Fisher)	3 - 5%
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Purity by GC	≥ 95%
Storage	Store at 2 - 8 °C

For Laboratory Use Only