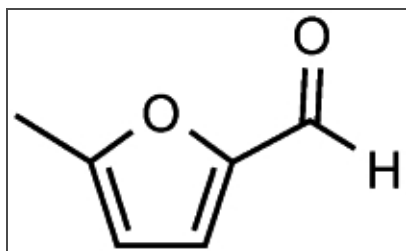




Technical Data Sheet

BRI Product Number:	846-SUS
BRI Product Name:	5-METHYL FURFURAL
CAS Number:	620-02-0
FEMA Number:	2702
EU FLAVIS Number:	13.001
China GB Number:	S0181
Molecular Weight:	110.11
Molecular Formula:	C ₆ H ₆ O ₂



Synonyms:	▶ 2-Furancarboxaldehyde, 5-methyl-, ▶ 5-METHYL FURFURAL, ▶ 5-Methyl-2-furaldehyde, ▶ 5-Methylfurfural,
CAS Name:	2-Furancarboxaldehyde, 5-methyl-

APPLICATION INFORMATION

Odor Description:	A spicy, caramel, cherry, almond odor.
Fragrance Use:	Useful in providing a cherry topnote to fruity complexes.
Recommended Fragrance Use Level:	Traces – 0.5%
Tenacity on Blotter:	> 1 hour

Taste Description:	Characteristic sweet almond, black cherry. Nuttier than benzaldehyde and not as drying as furfural.
Flavor Use:	Used for cherry and other fruits, almond and other nuts, cocoa, coffee and amaretto type flavors.
Recommended Flavor Use Level:	1 – 50 ppm
SPECIFICATIONS	
Minimum Purity:	99.0%
Appearance:	yellow to amber liquid
Refractive Index:	1.526 : 1.535 at 20 deg C
Specific Gravity:	1.095 : 1.106 at 25 deg C
Additives:	synthetic alpha tocopherol @ 0.50%
TECHNICAL INFORMATION	
Flash Point:	168 deg F (CC)
Boiling Point (approx):	187.00 C (EPI 4.0)
Solubility:	Insoluble in water; soluble in alcohol.
Log P:	1.380
Kosher:	YES
Halal:	YES
RIFM Monograph:	YES
Natural:	NO
Nature Identical:	YES
Regulatory Status:	TSCA AICS CHINA DSL ECL EINECS(210-622-6) ENCS PICCS
Export Tariff Code:	2932.19.0002
Shipped as Dangerous Good:	NO
PACKAGING AND STORAGE	
Recommended Packaging:	Glass or Aluminum
Shelf Life:	48 months from manufacture date(when stored as recommended)
Recommended Storage:	Store tightly sealed under inert gas in a cool, well-ventilated area.
Note:	<i>BRI's Products are not for use in tobacco products, e cigarettes, or any other nicotine delivery devices; nor for use in non-tobacco delivery mechanisms such as vaping devices.</i>
Last Revised:	02/26/2024

