

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W1388N Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	000
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	06/21/2013

**Product Identifiers**

Product Name:	2-METHYL-3-FURANTHIOL NATURAL
---------------	-------------------------------

Synerzine Item #	<b>W1388N</b>	CAS #	28588-74-1	FEMA #	3188
------------------	---------------	-------	------------	--------	------

**Material Properties**

Molecular Formula	C5H6OS	Flash Point (°F, CC)	98
Molecular Weight	114.16	Boiling Point	57-60°C @ 44 mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol water, 630.8 mg/L @ 25 °C
Storage and Stability	Store in fully closed container in cool (~20°C) dry place.
Handling Precautions	Avoid contact of eyes and skin. In case of contact, flush copiously with water. Keep away from heat and flame.

**Specified Critical Limits**

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Orange	Orange-pink
Odor	Organoleptic Analysis	None	Meaty, fishy, sulfurous, metallic, roasted chicken	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.140	1.150
Refractive Index	Refractometric Analysis	nD20	1.509	1.530

**Notes**

\*According to JECFA: Min. assay value is "95" and secondary components "Bis(2-methyl-3-furyl)disulfide"

*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**  
Quality Control Dept.

Date Printed: 6/26/2021