

 synerzine TM	Title:	R451 Product Specification		
	Document #:	02-1006	Rev #:	003
	Status:	ACTIVE	Date Issued:	01/08/2021

Product Identifiers

Product Name:	1-FURFURYL PYRROLE
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Synerzine Item #	R451	CAS #	1438-94-4	FEMA #	3284
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Material Properties

Molecular Formula	C9H9NO	Flash Point (°F, CC)	180
Molecular Weight	147.1	Boiling Point	69-70°C/2.5mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slight in water; soluble in organic solvents.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place. Stable for 2 years, with slight development of discoloration.
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	Colorless	Amber
Odor	Organoleptic Analysis	None	Horseradish, mustard seed, mushroom	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.078	1.086
Refractive Index	Refractometric Analysis	nD20	1.529	1.536

Notes

ALSO KNOWN AS: N-FURFURYL PYRROLE & 1-(2-furfuryl)pyrrole

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

Date Printed:

1/8/2025