

 synerzine TM	Title:	W0121 Product Specification		
	Document #:	02-1006	Rev #:	005
	Status:	ACTIVE	Date Issued:	03/03/2025

Product Identifiers

Product Name:	ALPHA-ANGELICALACTONE
---------------	-----------------------

Synerzine Item #	W0121	CAS #	591-12-8	FEMA #	3293
------------------	--------------	-------	----------	--------	------

Material Properties

Molecular Formula	C5H6O2	Flash Point (°F, CC)	155
Molecular Weight	98.1	Boiling Point	168°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	soluble in alcohols slightly soluble in water
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	Yellow	Yellow-green
Odor	Organoleptic Analysis	None	Sweet, herbaceous	
Chemical Purity	Gas Chromatography	% Isomeric Sum	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.085	1.105
Refractive Index	Refractometric Analysis	nD20	1.447	1.465

Notes

Sum of alpha- and beta- angelica lactone isomers; alpha-isomer (85.0-100%), beta-isomer (0-15.0%)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

Date Printed:

3/3/2025