

 synerzine TM	Title:	B2028 Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	02/26/2025

Product Identifiers

Product Name:	TRANS-1,2-DIAMINOCYCLOHEXANE*
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Synerzine Item #	B2028	CAS #	123333-90-4	FEMA #	N/A
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Material Properties

Molecular Formula	C14H22N2O8 · H2O	Flash Point (°F, CC)	>230
Molecular Weight	364.36	Boiling Point	N.A.
Shelf Life (days)	730	Physical State	Solid

Solubility	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	White	Beige
Odor	Organoleptic Analysis	None	Little to no odor	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

Notes

Also called: TETRA ACETIC ACID*
 MONOHYDRATE
 Causes eye and skin irritation. May cause respiratory irritation.

This specification was generated electronically, and is therefore unsigned.

Synerzine
 Quality Control Dept.

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