

Certificate of Analysis

Product Name:

trans,trans-2,4-Decadienal - ≥90%, FG

Product Number: W313505
Batch Number: SHBS6187
Brand: ALDRICH
CAS Number: 25152-84-5
MDL Number: MFCD00007007
Formula: C₁₀H₁₆O
Formula Weight: 152.23 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 27 MAR 2025
Expiration Date: MAR 2030



Test	Specification	Result
Appearance (Color)	Colorless to Yellow	Yellow
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Refractive index at 20 °C	1.512 - 1.518	1.517
Purity (GC)	≥ 90.0 %	93.2 %
Total Purity (sum of isomers)	≥ 95 %	97 %
Specific Gravity	0.866 - 0.876	0.867
Arsenic (As)	≤ 3.0 ppm	< 1.0 ppm
Cadmium (Cd)	≤ 1.0 ppm	< 1.0 ppm
Mercury (Hg)	≤ 1.0 ppm	< 1.0 ppm
Lead (Pb)	≤ 10.0 ppm	< 1.0 ppm
Expiration Date Period 5 Years	-----	-----



Larry Coers, Director
Quality Control
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

