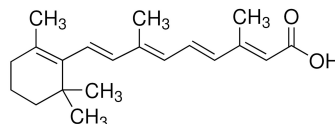


Certificate of Analysis

Product Name : Retinoic acid $\geq 98\%$ (HPLC), powder
Product Number : R2625-50MG
Batch Number : 0000459428
Source Batch : 0000448050
CAS Number : 302-79-4
MDL Number : MFCD00001551
Storage Temperature : -20°C
Molecular Formula : C₂₀H₂₆O₂
Formula Weight : 300.44 g/mol
Recommended Retest Date : May 2027
Quality Release Date : 28 May 2025



Test	Specification	Result
Appearance (Color)	Yellow	Light Yellow
Appearance (Form)	Powder	Powder
Solubility (Color)	Yellow to Yellow-Green	Light Yellow-Green
Solubility (Turbidity)	Clear	Clear
50 mg/mL, CHCl ₃		
Carbon	78.4 - 81.6 %	79.8 %
Purity (HPLC)	$\geq 98\%$	100 %
Infrared Spectrum	Conforms to Structure	Conforms

Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1227982

Page 1 of 1

