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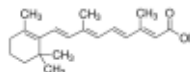
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

Retinoic acid - ≥98% (HPLC), powder

**Product Number:** R2625  
**Batch Number:** SLCC4945  
**Brand:** SIGMA  
**CAS Number:** 302-79-4  
**MDL Number:** MFCD00001551  
**Formula:** C<sub>20</sub>H<sub>28</sub>O<sub>2</sub>  
**Formula Weight:** 300.44 g/mol  
**Storage Temperature:** Store at -20 °C  
**Quality Release Date:** 17 JUN 2019  
**Recommended Retest Date:** JUN 2021



Test	Specification	Result
Appearance (Color)	Yellow	Light Yellow
Appearance (Form)	Powder	Powder
Solubility (Color)	Yellow to Yellow-Green	Green-Yellow
Solubility (Turbidity) 50 mg/mL, CHCl <sub>3</sub>	Clear	Clear
Carbon	78.4 - 81.6 %	80.1 %
Purity (HPLC)	≥ 98 %	99 %
Infrared Spectrum	Conforms to Structure	Conforms

Carolyn Baird, Supervisor  
Quality Assurance  
St. Louis, Missouri 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.