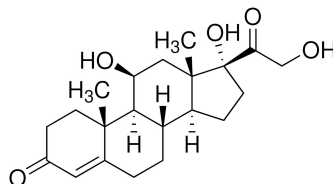


Certificate of Analysis

Product Name : Hydrocortisone ≥98% (HPLC)
Product Number : H4001-5G
Batch Number : 0000490377
Source Batch : 0000439132
CAS Number : 50-23-7
MDL Number : MFCD00011654
Molecular Formula : C₂₁H₃₀O₅
Formula Weight : 362.46 g/mol
Recommended Retest Date : May 2030
Quality Release Date : 23 May 2025



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Very Faint Yellow	Almost Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/ml, CHCl ₃ :EtOH (1:1)		
Infrared Spectrum	Conforms to Structure	Conforms
EmM	15.5 - 16.1	16.1
in MeOH		
Wavelength	242 - 243 nm	242 nm
Purity (HPLC)	≥ 98 %	100 %

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

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