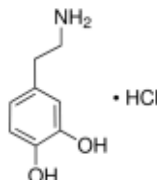


## Certificate of Analysis

Product Name:

Dopamine hydrochloride

**Product Number:** H8502  
**Batch Number:** BCCN2413  
**Brand:** SIGMA  
**CAS Number:** 62-31-7  
**Formula:** C<sub>8</sub>H<sub>11</sub>NO<sub>2</sub> · HCl  
**Formula Weight:** 189,64 g/mol  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 14 MAY 2025  
**Recommended Retest Date:** APR 2027



Test	Specification	Result
Appearance (Color)	White to Yellow with a Tan Cast	White
Appearance (Form)	Powder	Powder
Purity (HPLC)	≥ 97.5 %	99.1 %
Solubility (Color)	Colorless to Dark Yellow and Colorless to Light Brown and Yellow-Brown	Colorless
Solubility (Turbidity) 400mg plus 4ml of Water	Clear to Very Slightly Hazy	Clear
Carbon Content	49.7 - 51.7 %	51.4 %
Nitrogen Content	7.2 - 7.5 %	7.4 %
Infrared Spectrum	Conforms to Structure	Conforms

Dr. Reinhold Schwenninger  
Quality Assurance  
Buchs, Switzerland CH

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](http://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.

