

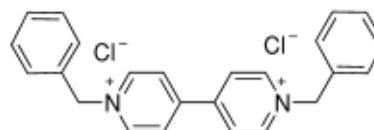
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## Product Specification

Product Name:  
Benzyl viologen dichloride - 97%

Product Number: 271845  
CAS Number: 1102-19-8  
MDL: MFCD00011991  
Formula: C<sub>24</sub>H<sub>22</sub>Cl<sub>2</sub>N<sub>2</sub>  
Formula Weight: 409.35 g/mol



### TEST

### Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Conforms to Requirements
Powder, Crystals, Crystalline Powder and/or Chunks	
Infrared spectrum	Conforms to Structure
Proton NMR spectrum	Conforms to Structure
Titration by AgNO <sub>3</sub>	96.5 - 103.5 %
Purity (HPLC)	≥ 96.5 %
Solubility (Turbidity)	Clear to Very Slightly Hazy
c = 50mg/ml, H <sub>2</sub> O	
Solubility (Color)	Colorless to Yellow

### Remarks:

Reviewing Chemist :

Specification: PRD.0.ZQ5.10000031635

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.