

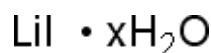
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## Product Specification

Product Name:  
Lithium iodide hydrate - 98%

**Product Number:** 223816  
**CAS Number:** 85017-80-7  
**MDL:** MFCD00149769  
**Formula:**  $\text{LiI} \cdot x\text{H}_2\text{O}$   
**Formula Weight:** 133.85 g/mol



| TEST  | Specification            |
|---|--------------------------|
| Appearance (Color)<br>White to Yellow to Tan                            | Conforms to Requirements |
| Appearance (Form)<br>Powder, Crystals, Crystalline Powder and/or Chunks | Conforms to Requirements |
| Titration by $\text{AgNO}_3$<br>% I                                     | 65.0 - 85.0 %            |
| ICP Major Analysis<br>Confirms Lithium Component                        | Confirmed                |

Specification: PRD.0.ZQ5.10000019968

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.