

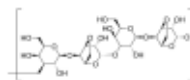
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## Product Specification

Product Name:  
Agarose - High Gelling Temperature

Product Number: **A7174**  
CAS Number: 9012-36-6  
MDL: MFCD00081294



| TEST                       | Specification               |
|----------------------------|-----------------------------|
| Appearance (Color)         | Off-White                   |
| Appearance (Form)          | Powder                      |
| Solubility (Color)         | Colorless to Faint Yellow   |
| Solubility (Turbidity)     | Clear to Very Slightly Hazy |
| 15mg/ml H <sub>2</sub> O   |                             |
| Electroendosmosis (-MR)    | ≤ 0.14                      |
| Moisture Content           | ≤ 10 %                      |
| Residue on ignition (Ash)  | ≤ 0.60 %                    |
| Gel Strength               | ≥ 900 gm/cm <sup>2</sup>    |
| 1% Gel                     |                             |
| Gel Temperature            | 39.5 - 42.5 °C              |
| Gel Point (1.5% gel)       |                             |
| Sulfate (SO <sub>4</sub> ) | ≤ 0.20 %                    |

Specification: PRD.3.ZQ5.10000045090

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.