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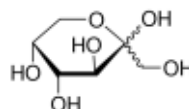
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## Product Specification

Product Name:  
D-(-)-Fructose - meets USP testing specifications

**Product Number:** F9048  
**CAS Number:** 57-48-7  
**MDL:** MFCD00148910  
**Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
**Formula Weight:** 180.16 g/mol



TEST	Specification
Identity	Pass
Color of Solution	Pass
Acidity < or = 0.50 mL	Pass
Loss on Drying	≤ 0.5 %
Residue on ignition (Ash)	≤ 0.5 %
Chloride Content	≤ 0.018 %
Sulfate	≤ 0.025 %
Arsenic (As)	≤ 1 ppm
Calcium and Magnesium (as calcium)	< = 0.005%
USP Limit Test hydroxymethylfurfural	Pass
Assay (Dry Basis)	98.0 - 102.0 %
Residual Solvents	Meets Requirements
Recommended Retest Period 3 years	-----

Specification: PRD.3.ZQ5.10000006599

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.