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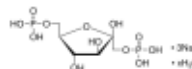
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## Product Specification

Product Name:  
D-Fructose 1,6-bisphosphate trisodium salt hydrate - ≥98% (TLC)

Product Number: **F6803**

MDL: MFCD03427650  
Formula: C<sub>6</sub>H<sub>11</sub>Na<sub>3</sub>O<sub>12</sub>P<sub>2</sub> · xH<sub>2</sub>O  
Formula Weight: 406.06 g/mol  
Storage Temperature: -20 °C



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/ml, H <sub>2</sub> O	
Phosphorus NMR Spectra	Conforms to Structure
Proton NMR Spectrum	Conforms to Structure
<sup>13</sup> C NMR Spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 30 %
Solvent Content (by GC)	≤ 3 %
Phosphorus (Dry Basis)	14.5 - 16.1 %
Sodium (dry basis)	14.6 - 18.8 %
Impurity (by Enzymatic)	≤ 0.3 %
Fructose 6-Phosphate	
Impurity (by Enzymatic)	≤ 0.1 %
Glucose 6-Phosphate	
Purity (TLC)	≥ 98 %

Specification: PRD.0.ZQ5.10000070299

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.