



## Specification

### D-(-)-Fructose

**Catalog Number:** FR1001  
**CAS Number:** 57-48-7  
**Synonym(s):** D-Levulose, Fruit sugar  
**Molecular Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
**Molecular Weight:** 180.16  
**Storage:** 15°C – 30°C  
**Retest Period:** Two years from the date of manufacture

Test	Specification
Appearance	White crystalline powder
Assay	98.0 – 102.0%
Moisture (LOD)	≤ 0.5%
Residue on Ignition	≤ 0.5%
Acidity	≤ 0.5mL
Chloride	≤ 0.018%
Sulfate	≤ 0.25%
Calcium & Magnesium	≤ 0.005%
Heavy Metals	≤ 5ppm
Arsenic	≤ 1ppm
This batch meets the specifications for USP36.	

Approved:

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