



## Specification

### 2-Deoxy-D-Ribose

**CAS Number:** 533-67-5  
**Molecular Formula:** C<sub>5</sub>H<sub>10</sub>O<sub>4</sub>  
**Molecular Weight:** 180.2  
**Storage:** 2-8°C

Test	Specification
Appearance:	White to off white crystalline powder
Assay:	≥ 99.0 %
Heavy Metals :	≤ 20 ppm
Identity (IR):	Conforms to reference
Loss on Drying:	≤ 0.5 %
Optical Rotation:	-55.0 - -57.0 °
pH (1% in H <sub>2</sub> O):	6 - 8
Residue on Ignition:	≤ 0.5 %
Solution (5% in water):	Clear colorless to light yellow solution

Approved:

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