

## Certificate of Analysis

**Product Name:** 2-DEOXY-D-GALACTOSE  
98 %  
**Product Number:** D4407  
**Product Brand:** Aldrich  
**Molecular Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>5</sub>  
**Molecular Mass:** 164.16  
**CAS Number:** 1949-89-9

TEST	SPECIFICATION	LOT BCBC6116 RESULTS
APPEARANCE (COLOR)	WHITE TO OFF-WHITE	OFF-WHITE
APPEARANCE (FORM)	POWDER OR CRYSTALLINE POWDER AND/OR CHUNKS	CRYSTALLINE POWDER WITH LUMPS
PURITY (HPLC AREA %)	≥97.5 %	98.3 %
SPECIFIC ROTATION (20/D)	57 - 61 DEGREES	59 DEGREES
CONCENTRATION	C=2 IN H <sub>2</sub> O, 5 HOURS	C=2 IN H <sub>2</sub> O, 5 HOURS
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
QC RELEASE DATE	25/JUN/10	



Edeltraud Schwärzler, Manager  
Quality Control  
Buchs, Switzerland

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