

Specification

Technical Data Sheet

CAS**50-99-7****STORAGE****Ambient****MOLECULAR WEIGHT****180.16****PRODUCT****D-(+)-Glucose (anhydrous)****Product number** 90037514**CAS number** 50-99-7**Molecular formula** C₆H₁₂O₆**Molecular weight** 180.16 g/mol**PARAMETER****SPECIFICATION****Appearance**

white to off-white powder

Assay

97.5 to 102.0%

Aerobic Plate Count

≤1000cfu/g

Appearance of Solution

Conforms to BY7

Bacterial endotoxins

≤1.25Eu/g

Conductivity

≤20μS-cm-1

Escherichia coli

Negative/g

Identification (RAMAN)

Conforms to reference

Related Substances

Total Impurities ≤0.5%

Soluble starch and sulfites

≤15ppm

Specific optical rotation

+52.5 to +53.3

Sulphur dioxide (SO₂)

≤10ppm

Dextrines

The substance dissolves completely.

Mould & Yeast

≤100cfu/g

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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