



Specification

Dextrose Anhydrous Granular USP/EP/BP

Catalog Number: DE1007
CAS Number: 50-99-7
Molecular Formula: C₆H₁₂O₆
Molecular Weight: 180.16
Storage: 15°C – 30°C
Retest Period: Four years from the date of manufacture

Test	Specification
Appearance	White to almost white powder
Identification A,B,C	To meet requirements
Specific Rotation	+52.6° to +53.2°
Appearance of Solution	To pass test
Dextrin	To pass test
Soluble Starch, Sulfites	To pass test
Acidity/Alkalinity	6g sample, 0.1MNaOH ≤ 0.15mL
Moisture	≤ 0.5%
Residue on Ignition	≤ 0.1%
Chloride	≤ 125ppm (0.0125%)
Sulfate	≤ 250ppm (0.0250%)
Sulfites	≤ 15ppm SO ₂
Heavy Metals	≤ 5ppm
Arsenic	≤ 1ppm
Barium	To pass test
Calcium	≤ 200ppm
Lead	≤ 0.5ppm
Total Aerobic Count	≤ 1,000cfu/g
Yeast & Mold	≤ 100cfu/g
E. coli	Negative
Salmonella	Negative
Endotoxin	≤ 2.5EU/g
This lot meets the specifications for USP38, EP8.0 & BP2015.	

Approved:

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