

CERTIFICATE OF ANALYSIS

Product Name	2-Deoxy-D-glucose	Specification	Company Standard
Cas No.	154-17-6	Manufacture Date	2024.7.5
Quantity	500KG	Analysis Date	2024.7.11
Batch No.	ES-240705	Expiry Date	2026.7.4
Items	Specifications	Results	
Appearance	White Powder	Conforms	
Assay	≥98.0%	99.1%	
Identification	Positive	Positive	
Specific Rotation	+45.0° to +47.5°	+46.6°	
Loss on drying	≤1.0%	0.17%	
Residue on Ignition	≤0.2%	0.17%	
Heavy Metals	≤10.0ppm	Conforms	
Pb	≤1.0 ppm	Conforms	
As	≤1.0 ppm	Conforms	
Cd	≤1.0 ppm	Conforms	
Hg	≤0.1 ppm	Conforms	
Total Plate Count	≤1000cfu/g	Conforms	
Yeast & Mold	≤100cfu/g	Conforms	
E.coli	Negative	Negative	
Salmonella	Negative	Negative	
Staphylococcus	Negative	Negative	
Conclusion	This sample meets the specifications.		

Conclusion: Approved

