

Certificate of Analysis-2-Deoxy-D-glucose

CAS: 154-17-6

Batch Number: FTF0240226 Batch Quantity: 100kg

Manufacture Date: Oct.12th,2024 Analysis Date: Oct.13th,2024 Certificate Date: Oct.14th,2024

Storage Store in cool & dry place. Store in well-closed containers.

Shelf life 3 years when properly stored.

Items	Standard	Result
Appearance	White or light yellow crystalline powder	White crystalline powder
Specific optical rotation	45.5° - 47.5°	46° - 47.4°
Melting point	146℃- 147℃	146℃- 147℃
Heavy metals	10ppm max	Conform
Arsenic	1ppm max	Conform
Loss on drying	0.5% max	0.23%
Residue on ignition	0.1% max	Conform
Chloride	0.05% max	Conform
Sulfate	0.05% max	Conform
Microbial limit	Total bacteria:100/g max E. Coli: can not be tested out	50/g max not detected
Assay	98.5%min (anhydrous basis)	99.26%

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

