



## Product Specification

**Product Name:** X- $\alpha$ -L-fucopyranoside  
**Cat #:** B-360  
**CAS #:** 171869-92-4  
**Storage:** Store at -20°C. Protect from light.

| Test                                                                                           | Specifications                    |
|------------------------------------------------------------------------------------------------|-----------------------------------|
| Color                                                                                          | white to off-white                |
| Form                                                                                           | powder to crystalline powder      |
| Color of Solution<br>(5% in DMF)                                                               | colorless to slightly yellow      |
| Turbidity of Solution                                                                          | clear (max. 7.0 NTU)              |
| Water Content (K. Fischer)                                                                     | max. 5.0%                         |
| Decomposition Point                                                                            | 168-172°C                         |
| Specific Rotation D <sub>20</sub><br>(c=1 in ethyl acetate)                                    | -142.0 to -146.0                  |
| Purity (HPLC)                                                                                  | min. 98.0 area-%                  |
| TLC<br>(chloroform/methanol/acetic acid 77:15:8; UV 254 nm,<br>sulfuric acid reagent and heat) | corresponds to reference material |
| FT-IR Spectrum                                                                                 | corresponds to reference spectrum |

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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