



### Alpha Gal Glycan

Gal-alpha(1-3)-Gal-beta(1-4)-Gal-alpha(1-3)-Gal

### Catalog Number

SA-AGAL-03

### Lot Number

122.1A

### Description

The Alpha Gal glycan is a linear tetrasaccharide with sequence linkages Gal-alpha(1-3)-Gal-beta(1-4)-Gal-alpha(1-3)-Gal. This standard was developed as a positive control when using alpha galactosidase for biopharmaceutical glycoprofiling assays.

### Form

Dry. Dried by centrifugal evaporation from an aqueous solution.

### Purity

> 85% pure as assessed by a combination of  $^1\text{H-NMR}$  and HPLC.

### Storage

-20°C both before and after dissolution. This product is stable for at least 5 years as supplied.

### Shipping

The product can be shipped at ambient when dry. After dissolution, ship on dry ice.

**Handling:** Allow the unopened vial to reach ambient temperature and tap unopened on a solid surface to ensure that most of the lyophilized material is at the bottom of the vial. Gently remove the cap, add the desired volume of reconstitution medium, re-cap and mix thoroughly to bring all the oligosaccharide into solution. For maximal recovery of oligosaccharide, ensure that the cap lining is also rinsed and centrifuge the reconstituted vial briefly before use. Ensure that any glass, plasticware or solvents used are free of glycosidases and environmental carbohydrates. Minimize exposure to elevated temperatures or extremes of pH.

### Safety

This product is non-hazardous and has been purified from natural sources certified to be free of all hazardous material including pathogenic biological agents.

SA-AGAL-03  
Alpha Gal Glycan

**Certificate of Analysis**

**Product** Alpha Gal Glycan

**Catalog no.** SA-AGAL-03

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**Purity** > 85% pure as assessed by HPLC.

**Warranties and liabilities**

QA-Bio Inc warrants that the above product conforms to the specifications described herein. Should the product fail for reasons other than through misuse QA-Bio Inc will, at its option, replace free of charge or refund the purchase price. This warranty is exclusive and QA-Bio Inc makes no other warrants, expressed or implied, including any implied conditions or warranties of merchantability or fitness for any particular purpose. QA-Bio Inc shall not be liable for any incidental, consequential or contingent damages. This product is intended for *in vitro* research only.

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