

## Technical Data Sheet

### Bioglycolipids DGBIO™ RLMP 3350

30.11.2023

#### Product Description

Bacterial fermentation product extract, the main component is Rhamnolipid, which is made from vegetable oil through fermentation process.

#### Typical Properties

<i>Property</i>	<i>Value</i>	<i>Unit</i>	<i>Method</i>
<b>Appearance</b>	Light yellow to brown liquid	-	Q/DGBIO 3-2023
<b>Solid Content</b>	45-55	%	
<b>pH(10% aqueous solution)</b>	5.0-8.0	-	
<b>Water Solubility</b>	Soluble	-	

<i>Property</i>	<i>Value</i>	<i>Unit</i>	<i>Method</i>
<b>Total Number of Colonies</b>	≤500	FU/g	Q/DGBIO 3-2023
<b>Total Mold and Yeast</b>	≤100	FU/g	
<b>Heat-resistant Coliforms</b>	Not detectable	/g	
<b>Staphylococcus Aureus</b>	Not detectable	/g	
<b>Pseudomonas Aeruginosa</b>	Not detectable	/g	

#### Applications

It has the functions of reducing surface tension, emulsifying, wetting and cleaning. It can be used in civil cleaning, home care, cosmetics and other related fields. The product is high foam type.

#### Instruction for use

<b>Cautions</b>	<p>pH: Do not use with strong acid or strong bases, especially when pH&lt;3 or pH&gt;10.</p> <p>Temperature: The product has been tested to maintain stable structure and performance at a maximum of 150°C, and the fluidity becomes poor at &lt;0°C.</p>
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	Recommended temperature: 10-80°C.
<b>Dissolvability</b>	It can be diluted and dissolved in water and most organic solvents such as alcohols and esters.
<b>Bacteriostatic and antiseptic</b>	<p>Although the products have antibacterial properties, it is still recommended to use it as soon as possible after the package is opened. If not used, it should be sealed immediately and stored in a cool, dry and ventilated warehouse, and can be refrigerated if necessary (do not freeze).</p> <p>Products that have been opened, changed packaging, or stored improperly may shorten guarantee period, please use them as soon as possible.</p> <p>If preservative treatment is required in the formulation system of this product, or your industry has requirements on hygiene indicators. Preservatives can be added or sterilization methods such as high temperature and radiation can be used during the use of this product. Before use, it is recommended to do compatibility test and anti-corrosion challenge test.</p>
<b>Packaging</b>	Plastic drums with a net weight of 25kg, recyclable IBC ton drums.
<b>Storage</b>	<p>Sealed storage in a cool warehouse, it can be stored for two years from the date of manufacture. Under the conditions of large temperature difference between day and night, phase separation may occur during the storage process, which will not affect the performance of the product. Please shake well before use.</p>
<b>Transportation</b>	Transport as non-dangerous goods, avoid exposure to sunlight during transportation.

**For more information, please contact us.**

#### Statement

The descriptions of technology specifications, product performance and precautions contained in this document are based on our current knowledge and experience. The data are obtained by professional technicians under qualified test conditions. Due to equipment, environment, personnel and other reasons, the actual test conclusion may have errors. We reserve the right to make any changes to the above based on technological advances.