

Glycerol

Feed material

(Product code LQS FI7B)

Product description

Glycerol is obtained from a sugar beet based betaine-glycerol mixture through chromatographic separation of vinasses. The betain is separated from a certain type of beet molasses and the glycerol mix is one of the remaining by-products.

Also contains sugars, betaine, amino acids, sugar alcohols, mineral and organic salts.

It is widely used in ruminant diets, both in industrial feed production and on farm level.

In diets it is replacing pure glycerol and molasses.

It also an effective activator in biogas production.

Typical values

Sugars, sugar alcohols	% d. s.	Typically 8 - 12	HPLC
Betain	% d. s.	Typically 2 - 4	HPLC
Amino Acids	% d. s.	Typically 2 - 4	HPLC
Dry substance	%	Min. target 75%	KF-titration
Glycerol	% n.w.	Target 56	HPLC
Glycerol	% d. s.	Target 82	HPLC
pH-value		7 – 10 (target max 8,5)	
NA	% n.w.	< 2	(AAS)
K	% n.w.	< 2	(AAS)
Ash	% n.w.	< 2	(residue on ignition)

Physical/chemical specifications

Glycerol	% n.w.	Min. 62	HPLC
----------	--------	---------	------

Microbiological specifications

Salmonella / 25g		Not detected	
------------------	--	--------------	--

Storage:

12 months from date of manufacturing.

Packaging:

In bulk

Safety and handling

Provide for good ventilation and avoid aerosol formation. It is recommended to use protective glasses, respiratory mask and gloves during handling. In case of accidental contact with skin or eyes, the only action needed is copious flushing with water.

Management System Certificate

according to ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007

The product is not Kosher certified.

Liability

The information contained herein is based on technical data that Liquid Energy Trading Company Swiss SA (later on called LetCo) believes to be reliable and accurate, but disclaims any warrant or guarantee, express or implied. LetCo reserves the right to change information contained herein without prior notice. Any information included herein taken solely or as a whole, does not suggest in any way the product is of satisfactory quality or is adequate for a particular purpose. The purchasing party is not released from the burden of carrying out his own tests and experiments. Because conditions of use of this product are outside our control, LetCo excludes any legal or other liability for the use of this information or any part of it, whether or not based on LetCos negligence, and therefore LetCo shall not be liable for any damages (special, direct, indirect, consequential damages) relating to the use of this information or the use of the product referred herein, solely or in combination with other products. Consequently all liability on the part of LetCo is excluded. Furthermore, our sales and delivery conditions will apply accordingly.

Via Trevano 55c · CH-6900 Lugano · Switzerland
Tel +41-91-7439713 · Fax +41-91-7439715 · trade@liquid.energy.ch · www.liquid-energy.ch