

## Sugar Beet Molasses

For feeding purposes  
(Product code DMH-A1Tu)

Feedstuff / Product Group	<b>Sugar Beet Molasses (04.10.04 in Positive List and 4.1.4 acc. to Reg. (EU) No 68/2013)</b>
Product Description	By-product accumulated from the extraction or refinement of sugar from sugar beet. Molasses is a syrupy, light to dark brown product. Odour: characteristic, free of foreign odours
Information on production process	<ol style="list-style-type: none"> <li>1) Consultancy from beet cultivation to harvest</li> <li>2) Beet reception and storage</li> <li>3) Beet preparation: Beet washhouse to beet slicing machines</li> <li>4) Extraction: Heating to approx. 70° C; Diffusing of sugar with hot water (counter current process) ☐ raw juice</li> <li>5) Juice purification: Removal of precipitated non-sugar substances; filtration, thin juice is thermostable ☐ softening ☐ thin juice is now ready for thickening</li> <li>6) Juice thickening: multi-stage evaporation ☐ thick juice</li> <li>7) Crystallization: Processing of thick juice in sugarhouse: multi-stage crystallization in evaporation crystallizers (white sugar vacuum pans, raw sugar vacuum pans and after product VKT). Centrifugation of after product matter after boiling, after cool slurry ☐ the separated stock syrup is the molasses which is then appropriately diluted</li> </ol>
Information on composition Product parameter in substance	<p>Bulk density: approx. 1,350 g per litre dry matter: 75 Weight % total sugar: 42 % polarization</p> <p>The specified results are non-binding guide values and are subjected to raw material fluctuations.</p> <p>Moisture 25 % Crude ash 9 % Crude protein 7.5 % Calcium &lt; 0.5 g/kg</p>

	Potassium 40 g/kg Phosphor < 0.5 g/kg Magnesium < 0.2 g/kg Sodium 15 g/kg N-free extractives 60 % Net-energy-lactation (VQ) 5 MJ/kg
Undesirable substances as part of risk-oriented self-monitoring	The compliance with applicable critical values according to Feedstuff Regulation 2010, BGBl. II No. 316/2010 as amended and EU guidelines 2002/32/EG as amended is controlled during a campaign analysis.
Information on storage life, storage and transport	at temperatures between 0° C and 50° C: at least 12 months delivery form: in bulk (truck tanker)
Field of use and utilization	For dust bonding and to improve the feeding appetite of ruminants, pigs and horses.
Note on safety	Beet molasses is biologically degradable and requires no special safety precautions for handling or transport.

Customs tariff number: 1703 9000 GMP+- Certificate

All information is based on our analyses and is to be understood as general recommendations and suggestions. We recommend that you test our products for suitability yourself.

### Liability

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Furthermore, our sales and delivery conditions will apply accordingly.

Amtsgericht Hamburg HRB 96711  
Sitz der Gesellschaft Hamburg  
Geschäftsführung:  
Jost Zeier, Louisa Stahn  
Gesellschafter: Martin Fischer, Jost Zeier

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