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LIQUID ENERGY TRADING COMPANY SWISS S.A.

Der Stickstoffgehalt von Melasse The Content of Nitrogen of Molasses

Zuckerrübenmelasse enthält typischerweise etwa 1,3 bis 1,9% Stickstoff, der aus dem Betain und einigen Aminosäuren stammt. Das entspricht etwa 8 bis 12% Protein – ausgehend von der üblichen Multiplikation des Stickstoffgehaltes mit 6,25 ($N \times 6,25$). Dieser Faktor wird benutzt, da Aminosäuren und Protein etwa 16% Stickstoff enthalten.)

Insofern kann man i.d.R. von einem Stickstoffgehalt von $> 1,2\%$ ausgehen.

Dieses ermöglicht im Übrigen auch die Unterscheidung zwischen Zuckerrohr- und Zuckerrübenmelasse, da Zuckerrohrmelasse normalerweise weniger Stickstoff enthält, etwa 0,7%.

Sugar beet molasses contains typically about 1,3 – 1,9% nitrogen resulting from betaine and amino acids. That implies a protein content of 8 – 12% ($N \times 6,25$). The factor 6,25 is used as betaine and amino acids contain ca. 16% nitrogen.

Having said that it can be assumed that molasses normally has a nitrogen content of $> 1,2\%$.

That, by the way, allows to differ between sugar beet and sugar cane molasses, as sugar cane molasses contains about 0,7% nitrogen only.

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