# Product Data Sheet
# HE Molasses

**Product Location**
Sourced from Multiple locations

**Product Description**
HE (High Energy) molasses is produced during the crystallization of sucrose from the sugar rich syrup recovered through the ion exclusion separation process. HE is similar in dry substance and sugar content to molasses produced during the crystallization of sugar from sugar beet juice.

**Physical Properties**
With a high protein content of 14.3%, a low dry matter of 78% and total sugars (as invert) of approximately 50%, HE molasses is an extremely nutrient dense product that will complement the formulation of liquid feeding programs. As a molasses product, it improves feed intake and conversion by enhancing palatability and digestive qualities. HE molasses has a RDS of 82, a pH of 9.95% and weighs 89.1 pounds per cubic foot or 11.9 pounds per gallon.

**Typical Analysis**
Dry Matter % (as fed) ---------- 78%
Crude Protein ----------14.6%
Total Sugars (as invert) ---------- 50.5%
Ash ----------10.6%
Calcium ---------- 0.03%
Crude Fat ----------0.1%
Phosphorous ---------- 0.03%
Potassium ---------- 3.5%
Sodium ---------- 2.1%
Sulfur ---------- 0.15%
Ruminant TDN---------- 87%
Net Energy - Maintenance ----------1.01 MCal/lb
Net Energy - Gain ---------- 0.68 MCal/lb
RDS ---------- 80
pH ---------- 9.95

**Method of Analysis**
All analyses were performed by a third party.