PETRO CHEM EGYPT
CHEMICAL & AGRICULTURAL RAW MATERIALS
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CMS PETRO 50

PRODUCT DESCRIPTION & SPECIFICATION

CMS PETRO 50 is a CONCENTRATED SUGAR BEET MOLASSES VINASSE. It is a natural liquid raw material produced from sugar beet molasses bioethanol fermentation. It contains amino acids and essential minerals. It can be used as a valuable raw material for fertilizer and biostimulant manufacturing, and also as a protein-rich raw material in animal nutrition.

PHYSICAL ANALYSIS

SN	Parameter	Unit	Result
1	Odor	-	Typical Vinase
2	Color	-	Dark brown
3	Appearance	-	Opaque
4	Phase	-	Liquid
5	Boiling point	°C	102
6	Specific gravity	g/cm³	1.23
7	Brix	°	45° - 47°

CHEMICAL ANALYSIS

SN	Parameter	Unit	Result
1	pH	-	5.0 - 5.5
2	Free Amino Nitrogen	%	15.4
3	Total nitrogen	%	2.46
4	Phosphorus oxide (P_2O_5)	%	0.244
5	Potassium oxide (K_2O)	%	7.40
6	Calcium	%	1.1834
7	Magnesium	%	0.488
8	Sulphur	%	0.854
9	Zinc	mg/l	73.566
10	Manganese	mg/l	31.903
11	Iron	mg/l	169.58
12	Molybdenium	mg/l	5.246
13	Carbon ash	%	18.3
14	Humic acid	%	5.5
15	Fulvic acid	%	3
16	Dry matter	%	47 - 50