



MENAFERT

Technical Data Sheet

Straights Calcium Nitrate HG

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MENAFERT

Straights

Calcium Nitrate HG

Description

Brand Name	MENAFERT Calcium Nitrate HG
Chemical name	Double salt of calcium- and ammoniumnitrate
Chemical Formula	$5\text{Ca}(\text{NO}_3)_2 \cdot 2\text{NH}_4\text{NO}_3 \cdot 10\text{H}_2\text{O}$

Chemical Composition

Total Nitrogen (N)	15.5% w/w
Nitrate N (N-NO ₃)	14.4% w/w
Ammoniacal N (N-NH ₄)	1.1% w/w
Calcium Oxide (CaO)	26.3% w/w
Calcium (Ca)	18.8% w/w

Physical Properties

Density	0.8 g/cm ³ +/- 0.1
pH	7 (in 10% solution)
Insolubles	<0.1%