



**PRODUCT INFO
& DATASHEET**

METHIONINE - MHA 97 %

DESCRIPTION

With a guaranteed assay of 97 % MHA feed supplement is almost pure calcium salt of methionine hydroxy analogue. This very potent methionine source assists in the formulation of feeds with high nutrient density. Such concentrated rations meet the requirements of poultry and other livestock on today' s high energy diets.

ADVANTAGES

The granulation of MHA provides several advantages. Its small particle size and uniform particle size distribution give you a feed supplement that is virtually dust-free and mixes thoroughly and easily into the feed to provide you a uniform mixture. The payoff is a consistent, more properly balanced ration for your birds, day after day.

By optimizing the amino acid balance of your feeds, MHA helps maximize the functionality of other ingredients. The supplement exhibits excellent compatibility with other micro-ingredients.

SPECIFICATIONS

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| -Name | : Methionine hydroxy analogue, calcium (calcium salt of D.L-2-hydroxy-4-methylthiobuanoic acid) |
| -Formula | : $(\text{CH}_3\text{SCH}_2\text{CH}_2\text{CHOHCOO})_2\text{Ca}$ |
| -Molecular weight | : 338.44 |
| -Minimum assay as methionine hydroxy analogue calcium | : 97 % (*) |
| -DL-Methionine equivalent | : 86 % |
| -Calcium | : 12 % |
| -Metabolizable energy | : 3584 Kcal/kg (1629 Kcal/lb) |
| -Typical bulk density, packed | : 41 lbs/cu ft |
| -Solubility in water a 27° C | : 7.4 g per 100 g |
| -pH | : 7 |
| -Moisture, maximum | : 1% |
| -Appearance | : Tan, fine granules |
| -Particle size distribution | : On U.S. Standard Sieve no. 14 the % retained is 1 maximum |
| 60 | 50 minimum |
| 100 | 75 minimum |
| 140 | 80 minimum |
| 200 | 90 minimum |

The above values are based on samples tested and are not guaranteed for all samples. These values are not product specifications.

(*) Note: Details of the assay method are available on request.