



Feed Grade DL-Methionine

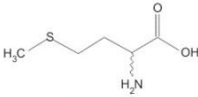
饲料级DL-蛋氨酸

应用:

本产品主要用作猪、牛、水产等动物饲料，畜禽饲料中推荐用量每吨添加1.0-2.0公斤，可按实际需求进行调整。

Application:

The product is used as the additive in the pig feed, cattle feed and aquatic feed. The proposed dosage of per ton of livestock and poultry feed is 1.0-2.0KG. The dosage could be changed according to the actual situation.

| 物理性质 PHYSICAL PROPERTIES | | | |
|--------------------------------|--|-------------------------|----------|
| 分子式 Molecular Formula | $C_5H_{11}O_2NS$ | 分子量 Molecular Weight | 149.21 |
| 结构式 Molecular Structure |  | | |
| 分析规格 Analytical Specifications | | | |
| 外观 Appearance | 白色或浅灰色粉末或片状结晶 White or light gray powder or flake crystals. | | |
| 含量 Assay | DL-蛋氨酸 ≥99.0% | 重金属 Heavy Metal | ≤20mg/kg |
| 干燥失重 Loss on Drying | ≤0.50% | 砷 Arsenic | ≤2mg/kg |
| 氯化物 Chloride | ≤0.50% | | |

包 装: 25公斤/纸袋、500公斤/纸袋、1000公斤/纸袋。

稳 定 性: 常温常压下，原包装保质期为36个月。

贮存条件: 本品应贮存于干燥、清洁处。

Packaging: 25kgs/paper bag, 500kgs/paper bag, 1000kgs/paper bag.

Stability: Storage stability min.36 months in unopened original packaging.

Storage Conditions: The product should be kept in dry and clean place.

生产商: 山东新和成氨基酸有限公司 (浙江新和成股份有限公司全资子公司)

Producer: Shandong NHU Amino Acid Co., LTD. (A subsidiary of Zhejiang NHU Company Ltd.)

NHU-AMINO

改善
家禽健康
Animal Health

保障
食品质量
Food Quality

提升
养殖价值
Raising Value

不同来源蛋氨酸对45~50周龄蛋鸡生产性能的影响

Productivity comparison of layer chicken in week 45~50 fed with different methionine

| 项目 Item | 对照组 Control Group | NHU蛋氨酸 NHU-AMINO |
|----------------------------|----------------------|---------------------|
| 产蛋率 Laying Rate, % | 93.56 ± 0.68 | 92.85 ± 0.57 |
| 日产蛋重 Daily Egg Weight, g/d | 2649.92 ± 23.32 | 2631.37 ± 26.29 |
| 平均蛋重 Egg Weight, g/pce | 62.95 ± 0.37 | 62.98 ± 0.34 |
| 日均采食量 ADFI, g/pce/d | 129.05 ± 2.22 | 128.76 ± 2.61 |
| 料蛋比 Feed-egg Ratio | 2.19 ± 0.04 | 2.20 ± 0.02 |

产蛋率、日均采食量、日产蛋量和料蛋比是衡量蛋鸡生产性能的重要指标。NHU-AMINO饲养的蛋鸡能达到国际水平。

Laying rate, average daily feed intake (ADFI), daily egg weight and feed-egg ratio are key indicators on measuring productivity of layer chicken. NHU-AMINO is able to reach the international level of methionine.

不同来源蛋氨酸对鸡蛋品质的影响

Egg quality comparison resulting from different methionine

| 项目 Item | 对照组 Control Group | NHU蛋氨酸 NHU-AMINO |
|-------------------------|----------------------|---------------------|
| 蛋重 Egg Weight, g | 66.50 ± 1.56 | 66.22 ± 1.40 |
| 蛋白高度 Albumen Height, mm | 7.85 ± 0.31 | 7.83 ± 0.53 |
| 蛋黄颜色 Yolk Color | 6.50 ± 0.17 | 6.67 ± 0.21 |
| 哈氏单位 Haugh Unit | 87.33 ± 1.59 | 87.42 ± 2.07 |

哈氏单位、蛋白高度是评价鸡蛋蛋白质品质的重要指标，哈氏单位越大表示蛋白越黏稠，蛋白质越好，蛋黄颜色越深表示蛋的品质越好。NHU-AMINO饲养的蛋鸡这些指标，达到国际水平，有效提升禽蛋品质。

Haugh unit and albumen height are key indicators on evaluating egg albumen quality. Specifically, higher Haugh unit value and deeper yolk color indicate the better egg albumen quality. NHU-AMINO is able to improve egg quality efficiently at international level.

数据来源：《蛋氨酸在蛋鸡饲养中的饲用效果试验》。浙江大学动物科学院，2016年1月
Data source: Feeding experiments of methionine on layer chicken, College of Animal Sciences Zhejiang Univ., 01/2016