



## TECHNICAL DATA SHEET

### 技术资料单

#### Levita PhytoVital Immune Polysaccharide

##### Levita 植生免疫多糖

天然植物复方提取物饲料（桑叶·桔梗·甘草复配型）

Natural Plant Extract Feed Additive (Mulberry Leaf · Platycodon · Licorice Compound)

*Plant-Powered Vitality. Science-Backed Health.*

植物赋能生命，科学守护健康



### 产品外观 /Product Appearance 产品描述 /Product Description

Levita 免疫多糖是以鱼腥草、桔梗、桑叶、甘草等天然植物为原料，采用先进水提工艺生产的标准化植物提取物。富含免疫活性多糖、黄酮类、连翘酯苷 A、皂苷、多酚及甘草酸等生物活性成分。专为蛋鸡等家禽饲料添加设计，助力调节免疫功能、抗氧化应激、维护肠道健康，从而维持生产性能与整体健康状态，契合绿色无抗养殖需求。

Levita Immune Polysaccharide is a standardized plant extract derived from natural herbs including Houttuynia cordata, Platycodon grandiflorus, Morus alba (mulberry leaf), and Glycyrrhiza uralensis, produced via advanced water extraction. It is rich in immune-active polysaccharides, flavonoids, forsythoside A, saponins, polyphenols, and glycyrrhizic acid. Specially formulated as a feed additive for laying hens and other poultry, it helps modulate immune function, combat oxidative stress, and maintain gut health—supporting production performance and overall vitality in sustainable, antibiotic-free farming systems.

## 主要活性成分（保证值） / Guaranteed Active Ingredients

经梅里埃 NutriSciences 第三方检测验证 / Verified by Mérieux NutriSciences

| 项目 / Item                   | 保证值 / Guaranteed Value |
|-----------------------------|------------------------|
| 总多糖 / Total Polysaccharides | ≥ 41.0%                |
| 总黄酮 / Total Flavonoids      | ≥ 7.0%                 |
| 连翘酯苷 A / Forsythoside A     | ≥ 0.189%               |
| 总皂苷 / Total Saponins        | ≥ 0.70%                |
| 总多酚 / Total Polyphenols     | ≥ 3.95%                |
| 甘草酸 / Glycyrrhizic Acid     | ≥ 0.447%               |
| 蛋白质 / Crude Protein         | ≥ 9.0%                 |

## 物理化学性质 / Physical & Chemical Properties

- 外观 / Appearance: 浅棕色至棕褐色粉末 / Light brown to brownish powder
- 气味 / Odor: 微苦 / Slightly bitter
- 水分 / Moisture: ≤ 8.0%
- 粗灰分 / Crude Ash: ≤ 20.0%

## 作用机制 / Mode of Action

- 多糖成分支持免疫功能调节，增强机体抵抗力与抗体应答 / Polysaccharides support immune modulation, enhancing resistance and antibody responses
- 黄酮与多酚类成分具有显著抗氧化作用，减轻氧化应激对细胞的损伤 / Flavonoids and polyphenols provide significant antioxidant activity, reducing cellular damage from oxidative stress
- 复配天然植物成分协同维护肠道健康与整体抵抗力，助力无抗养殖 / Compounded botanicals synergistically maintain gut health and overall resilience, supporting antibiotic-free production

## 推荐添加量 / Recommended Dosage

蛋鸡饲料 / Laying Hen Feed: 2 - 4 kg/吨饲料 (0.2% - 0.4%)

饮水 / Drinking Water: 2‰ - 3‰ (集中饮用 4 小时)

应激或高挑战期（热应激、免疫接种、疾病压力等）可使用较高剂量。 / Higher doses recommended during stress or high-challenge periods (heat stress, vaccination, disease pressure, etc.).

## 功效数据摘要 / Efficacy Data Summary

华南农业大学 郭世宁教授团队蛋鸡试验 / Laying Hen Trial by Prof. Guo Shining's Team, South China Agricultural University

在海兰灰蛋鸡饲养试验中，添加 0.05%本品即可显著提高产蛋率 ( $P < 0.05$ )，改善料蛋比，降低不合格蛋率，并对蛋壳强度、哈夫单位、蛋黄颜色等蛋品质指标产生积极影响。试验证实 Levita 免疫多糖能有效提升蛋鸡生产性能与蛋品质量，适合规模化蛋鸡养殖推广应用。

In a feeding trial with Hy-Line Gray laying hens, supplementation with 0.05% of this product significantly increased laying rate ( $P < 0.05$ ), improved feed-to-egg ratio, reduced defective egg rate, and positively influenced egg quality parameters including eggshell strength, Haugh unit, and yolk color. The trial confirms that Levita Immune Polysaccharide effectively enhances production performance and egg quality, making it suitable for large-scale commercial layer operations.

## 安全性 / Safety

本品为天然植物提取物，安全性良好，无药物残留，适用于无抗养殖体系。全周期使用安全，无停药期要求。

This product is a natural plant extract with an excellent safety profile, zero drug residues, and is suitable for antibiotic-free farming systems. Safe for continuous use throughout the production cycle with no withdrawal period required.

## 储存与保质期 / Storage & Shelf Life

阴凉、干燥、通风处存放，避免阳光直射。保质期 24 个月（自生产日期起）。开封后请尽快使用并妥善密封。

Store in a cool, dry, well-ventilated area away from direct sunlight. Shelf life: 24 months from date of manufacture. After opening, use promptly and reseal properly.

## 包装规格 / Packaging Specification

18 kg/袋（多层牛皮纸复合袋或 PP 编织袋，内衬食品级 PE 袋） / 18 kg per bag (multi-wall kraft paper or PP woven bag with food-grade PE inner liner)

## 质量保证 / Quality Assurance

每批产品均附梅里埃 NutriSciences 检测报告，执行企业标准 Q/XLM 065-2025。生产过程严格遵循饲料添加剂相关法规与质量管理体系，确保产品批次间一致性与活性成分稳定性。

Every batch is supplied with a Mérieux NutriSciences test report and complies with enterprise standard Q/XLM 065-2025. Production strictly follows feed additive regulations and quality management systems to ensure batch-to-batch consistency and stable active ingredient levels.

## 生产企业 / Manufacturer

Levita | [Levita.bio](http://Levita.bio)

Powered by Ruminant Institute of Xi'an

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