

FARMAL® MS 6135 - Modified Corn Starch

Free-flowing modified corn starch obtained through the chemical conversion of the waxy corn starch, with pharmaceutical grade.

Specifications:

Physical Chemical:

	Min. Catalog	Max.
Ash, %		1.00
Aspect (powders in general)	A/B/C	
Color (visual)	A/B/C	
Identification	Passes Test	
Moisture, %		14.0
Odor	A/B/C	
Oxidants, ppm		20
pH	5.0	6.5
SO ₂ , ppm		50
Taste	A/B/C	

- Physical chemistry: are analyzed batch by batch.

Microbiological:

	Catalog	Max.
Escherichia coli/g	Present/Absent	
Molds and Yeasts, CFU/g		100
Pseudomonas aeruginosa/g	Present/Absent	
Salmonella spp/10g	Present/Absent	
Staphylococcus aureus/g	Present/Absent	
Strange Materials	Passes Test	
Total mesophilic bacterias, CFU/g		500

- Microbiological: they are analyzed batch by batch.

Complementaries Information:

	Min. Catalog	Max.
Iron (Fe), ppm		10.00

- Complementary Analysis: controlled by periodic monitoring

Catalog Subtitle - Qualitative Analysis:

Analyzes classified as A/B/C

- A = Superior (equal to or very close to the standard)

- C = Unsatisfactory (big difference from the standard)

POSITIVE / NEGATIVE: Positive= Unsatisfactory // Negative= Satisfactory

PASSES TEST: Pass Test= Satisfactory // No Pass= Unsatisfactory

PRESENT / ABSENT: Present= Unsatisfactory // Absent= Satisfactory

Sensory Information:

Aspect	Powder
Color	White
Odor	Characteristic
Taste	Characteristic

Main Applications:

Creams and lotions, Antiperspirant deodorant, Make up, Make up in powder, Sun blocker

Features and Benefits:

Cosmetic Products: Adsorbes moisture without caking.

Cosmetic Products: Enhances the whiteness of a deodorant in stick without contributing to whitening upon application to the skin.

Cosmetic Products: Due to its high fluidity can be used in a wide variety of formulations where free flowing characteristics are desired.

Cosmetic Products: Reduces the perceived oiliness of formulations, leaving a soft, dry and matte finish on the skin.

Cosmetic Products: Polymer with smooth, velvety feel properties.

Packaging - Shelf Life:

Balsa Nova : Cardboard boxed 22/22 Kg : 730 Days

Mogi-Guaçu : Cardboard boxed 22 Kg : 730 Days

Storage:

Store on pallets, in a covered, dry and ventilated place, at room temperature.

Regulatory Information:

USP/NF - United States Pharmacopeia/National Formulary

Halal Certificate

Kosher Certificate

INCI - International Nomenclature of Cosmetic Ingredients

INCI: Calcium Starch Octenyl Succinate

USFDA: 21CFR 172.892

EINECS: Exception for polymers