

Modified Starch FARMAL™ MS 6135

Specification

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

Specifications:

Basic¹:	Min.	Max.
Ash, %	-	1 max.
Identification	Pass	
pH	5.0	6.5
SO ₂ , ppm	-	50
Residual solvent ²	Meets the requirements	
Oxidants, ppm	Negative	
Moisture, %	-	14.0 max
Screen test on USS#100, % retained		1.0
Aspect	White powder free of lumps and black specks (A)	
Odor	Characteristic	
Taste	Characteristic	

Complementary³:

	Min.	Max.
Iron (Fe), ppm	Pass	

Bacteriological¹:

	Max.
Clostridium reducer sulphite, /2g	Absent
Fecal coliform /g	Absent
Total coliform /g	Absent
Total Plate Count, cfu/g	500
E. coli/10 g	Absent
Yeast and Molds, cfu/g	100
Pseudomona Aeroginosa /10g	Absent
Salmonella/10g	Absent
Staphylococcus aureus, /5g	Absent

(1) Analysis performed at each batch.

(2) Process do not result in the presence of the solvents listed in USP 30th ed. at General Chapters <467>.

(3) Analysis periodically performed and not informed in the certificate of analysis.

Main Uses:

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

Features and Benefits:

- Adsorbes moisture without caking.
- Enhances the whiteness of a deodorant in stick without contributing to whitening upon application to the skin
- Due to its high fluidity can be used in a wide variety of formulations where free flowing characteristics are desired.
- Polymer with smooth, velvety feel properties.
- Reduces the perceived oiliness of formulations, leaving a soft, dry and matte finish on the skin.

Packaging- Shelf Life:

Box 22 kg - 365 days

Storage:

Store in proper warehousing conditions.

Regulatory Data:

INCI-Name: Calcium Starch Octenyl Succinate
CAS: 39316-70-6

EINECS: Polymer Exception
USFDA: 21CFR172.892

Meets NF 25 standards as published by the U.S. Pharmacopeia 30th Ed.

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