

The Benchmark of Quality

Titanium Dioxide Free  
Capsules

**EMBO  
CAPS<sup>®</sup>  
AURORA**

# EMBO CAPS® AURORA

Titanium Dioxide Free Alternative

## GOODBYE SYNTHETIC DYES

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The EMBO CAPS® Aurora technology is an alternative method of customizing capsules without the use of synthetic colors. The Aurora capsule may be used to effectively differentiate and market “clean label” products. Both transparent and opaque colors are achievable in brown, green, and white, without using either titanium dioxide or synthetic pigments.

## FURTHER CUSTOMIZATION

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The EMBO CAPS® Aurora is available in Sizes 000 to 5, compatible with gelatin or Hypromellose (EMBO CAPS® VG Pro) and other EMBO CAPS® technologies such as LP+ (liquid filling) and AP (delayed release).

## ADVANTAGES

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- Opaque effect
- Titanium dioxide free
- Available in all sizes
- Evenly distributed color
- Compatible with other colors to achieve opaque custom colors



# EMBO CAPS® AURORA WHITE

## White capsules without Titanium Dioxide

EMBO CAPS® AURORA WHITE contains calcium carbonate, a natural antacid, in its composition to achieve opaque color effect. As it does not contain Titanium Dioxide, EMBO CAPS® AURORA WHITE conforms to strict food product regulations.

## LIGHT TRANSMITTANCE COMPARISON

Using ICH Topic Q1B test method, EMBO CAPS® AURORA colorant options show better light blocking performance when compared to our regular clear capsules.

### EMBO CAPS® GELATIN

<b>EMBOCAPS Color</b>	<b>Colorant</b>	<b>Transmittance Result (%) 420nm Lower % = ↑Protection</b>
Transparent (Natural Clear)	-	77.20
Standard White	Titanium Dioxide	0.10
Aurora White	Calcium Carbonate	8.20
Caramel Transparent	Caramel	9.40
Green Transparent	Sodium Copper Chlorophyllin	0.03

### EMBO CAPS® VG PRO

<b>EMBOCAPS Color</b>	<b>Colorant</b>	<b>Transmittance Result (%) 420nm Lower % = ↑Protection</b>
Transparent (Natural Clear)	-	62.80
Standard White	Titanium Dioxide	0.20
Aurora White	Calcium Carbonate	9.90
Caramel Transparent	Caramel	24.30
Green Transparent	Sodium Copper Chlorophyllin	0.05



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