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Dr. Luigi Moro discusses the advantages of poloxamer 188, a component of Eleview®

Video Title

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Advantages of Poloxamer 188

Dr. Luigi Moro – Chief Scientific Officer, Cosmo Pharmaceuticals

Dr. Moro: Poloxamer is a class of compounds that are defined as a block polymer, polyethylene and polypropylenes.

That means they are completely synthetic. It's not natural.

One of the advantages of using synthetic polymer and copolymer is that there is a consistent quality where with a natural compound you could have a difference, depending on batch to batch.

In this way we have a consistent quality and consistent property to attract the water and to bind it. The characteristic of poloxamer is generate the thermal-stability. Thermal-stability means that they are sensitive to the temperature to which you expose the compound and depending on the temperature, they are able to capture the water and to retain or not depending on the temperature that you reached.

We don't use this kind of thermal resistant -- or revert in polymer because we use it for the capacity to generate the cushion and retain in the water without any temperature stabos. We found in loco -- in loco means, inside of the mucosa -- some extraturer or metus component. The extraturer or metus component are able to interact with the poloxamer and to generate the structuring event that is forming the cushion and retaining consistently for at least 30-60 minutes.

That's the quality that is important for the polymer 188.

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