



Mon-Droguiste.Com  
39 Bis Rue du Moulin Rouge  
10150 Charmont-Sous-Barbuise  
Tél : + 33.(0)3.25.41.04.05  
Email : contact@mon-droguiste.com  
Web : www.mon-droguiste.com



Emission: Aug. 2021  
Review: 06  
Prepared by: JV  
Approved by: MC

## DACTYLOPIUS COCCUS COSTA COCHINEAL

<b>Description</b>	It is an insect that is installed, as a parasite, in the leaves of the prickly pear ( <i>Opuntia ficus indica</i> ), whose sap is nourished through a mouth stylet. This insect goes through a process of drying in the sun to be used as raw material for the production of anthraquinone dyes. From this insect coloring "Carmine E120" is obtained, taking shades between red, pink and violet.	
<b>Taxonomic Classification</b>	Order: Hemiptera Family: Dactylopiidae Genre: Dactylopius Species: <i>Dactylopius coccus</i>	
<b>Composition</b>	Depending on the type and quality, the percentage of humidity, carminic acid and waxes can vary. The approximate value of carminic acid is between 17 and 22.	
<b>Packing</b>	In 25 kg. to 50 Kg (Net weight) polypropylene bags/ Jute.	
<b>Storage</b>	It must be stored in a cool, dry and ventilated area, in its tightly sealed container.	
<b>Shelf life</b>	If the product is stored under these conditions, it will maintain its properties up to 2 years from the date of manufacture.	
<b>Specifications</b>	Carminic Acid cont. (FCCII)	18% - 21%
	Moisture	< 20.0%



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### Heavy Metals

Arsenic	<	1	ppm
Lead	<	1.5	ppm
Mercury	<	0.5	ppm
Cadmium	<	1	ppm