Beta Carotene

Presentation by

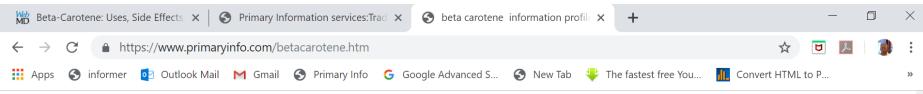
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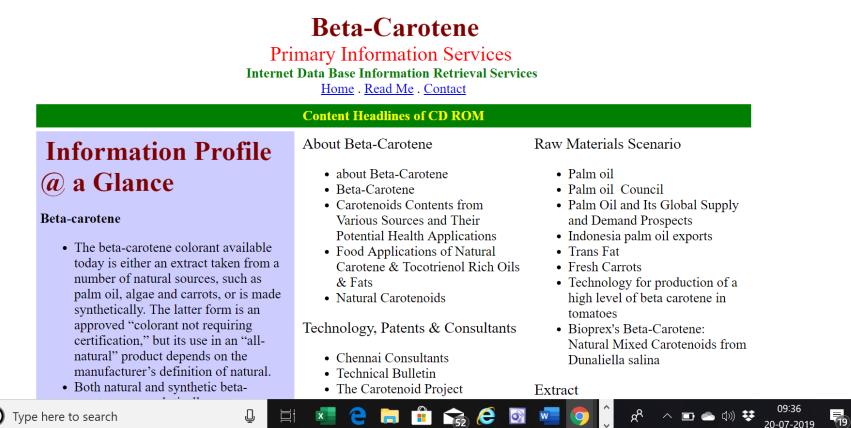
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Beta carotene is an antioxidant that converts to vitamin A and plays a very important role in health. It's responsible for the red, yellow, and orange coloration of some fruits and veggies Beta-carotene is one of a group of red, orange, and yellow pigments called carotenoids. Betacarotene and other carotenoids provide approximately 50% of the vitamin A

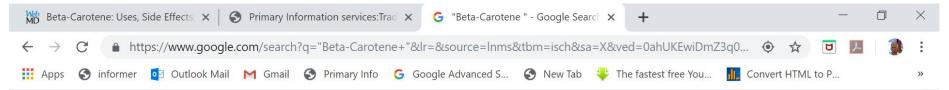
Beta-carotene can be found in fruits, vegetables, and whole grains. It can also be made in a laboratory.

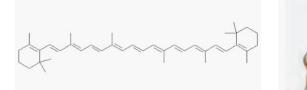
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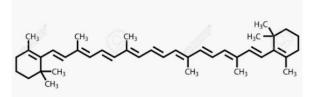


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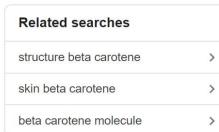


Foods for Boosting Beta-Carotene ... blog.contentbeautywellbeing.com

beta-carotene in carrot is... vectorstock.com



Beta-carotene (vitamin A) Structural ... 123rf.com

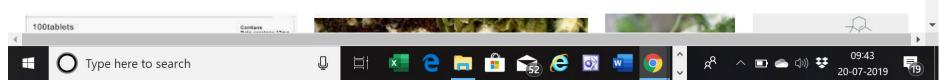




Beta-Carotene | Helena Thai La... helena-thai.com



Beta Carotene 25000IU 100... amazon.com



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1	5310554	High purity beta-carotene Compositions of high-purity natural beta-carotene and of the 9-cis isomer of beta- carotene are provided, as are methods for the production of these compositions from plant matter, conveniently	999	B	
2	5612485	High cis beta-carotene composition A carotenoid composition derived from a natural source wherein at least 50% by weight of the carotenoid content of the composition is cis beta-carotene and preferably 9 cis beta-carotene	880	ß	
3	US20160000727	BETA CAROTENE PREPARATION An aqueous emulsion for use in veterinary medicine which contains beta carotene and can be administered parenterally from a sterile multi-dose container contains acetylcysteine in an amount of	852	B	
4	4439629	Extraction process for beta-carotene A process for extracting either or both beta-carotene or glycerine from algae containing these substances, especially from algae of the genera Dunaliella.	822	B	
5	US20070259079	COMPOSITIONS COMPRISING COLOR STABLE BETA CAROTENE The subject invention provides a method for producing color stable suspensions comprising beta carotene. Such color stable suspensions are useful in any situation where the color of beta carotene	820	B	
6	US20020082306	Aqueous formulation of beta carotene An aqueous formulation of beta-carotene that is suitable for use in veterinary medicine contains polyoxyethylene-660-hydroxystearate and/or isopropyl myristate as a mediator	818		

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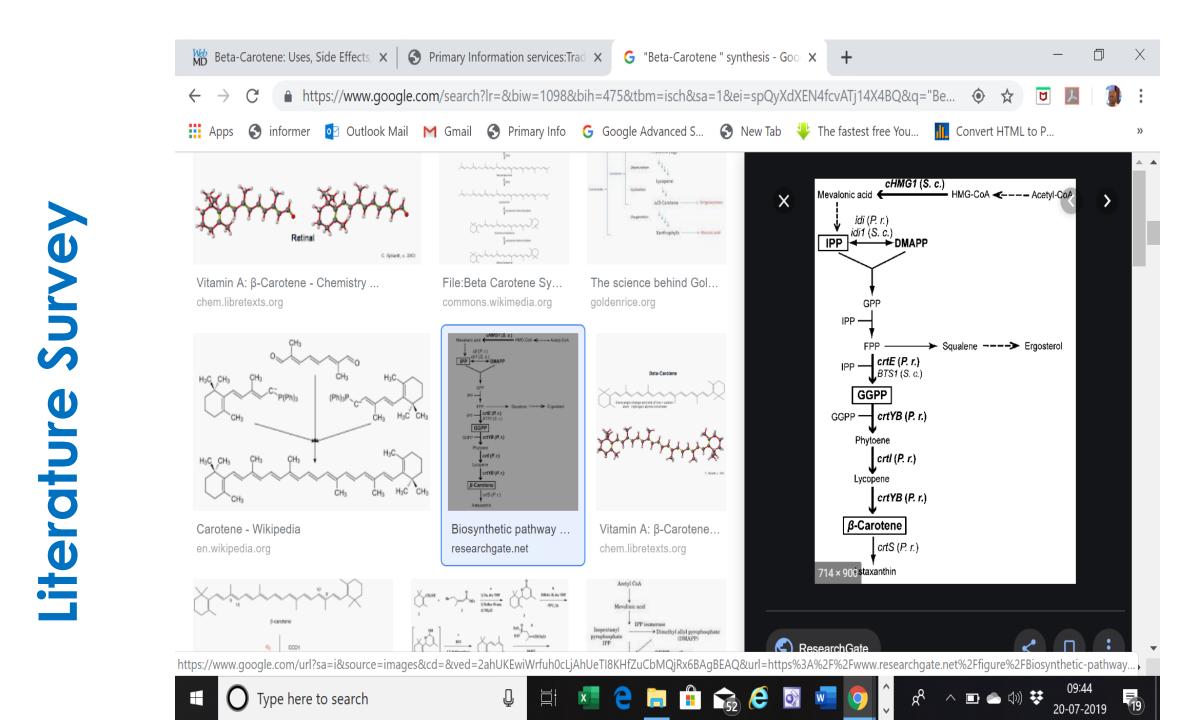
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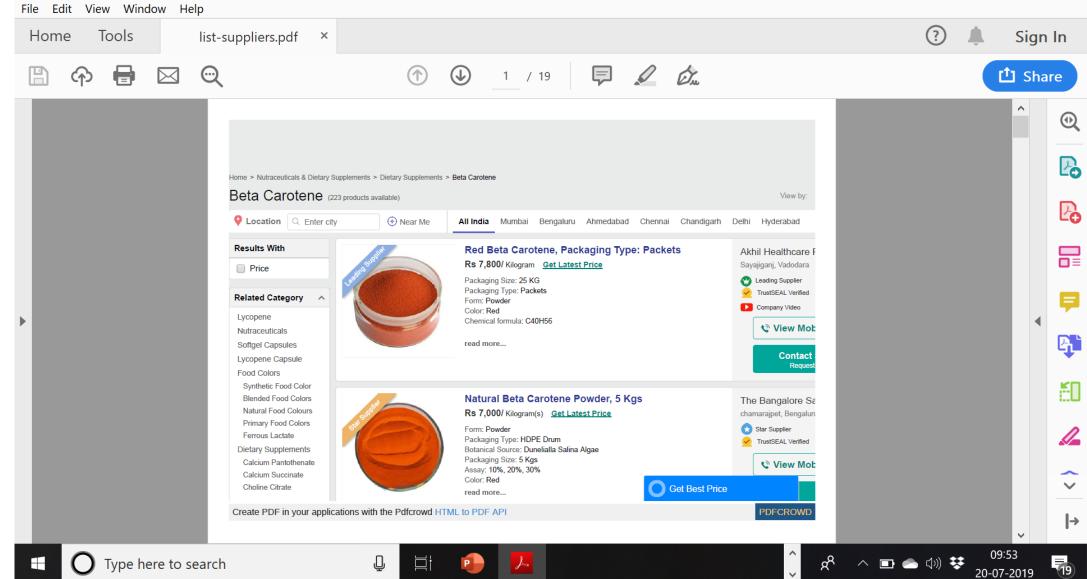
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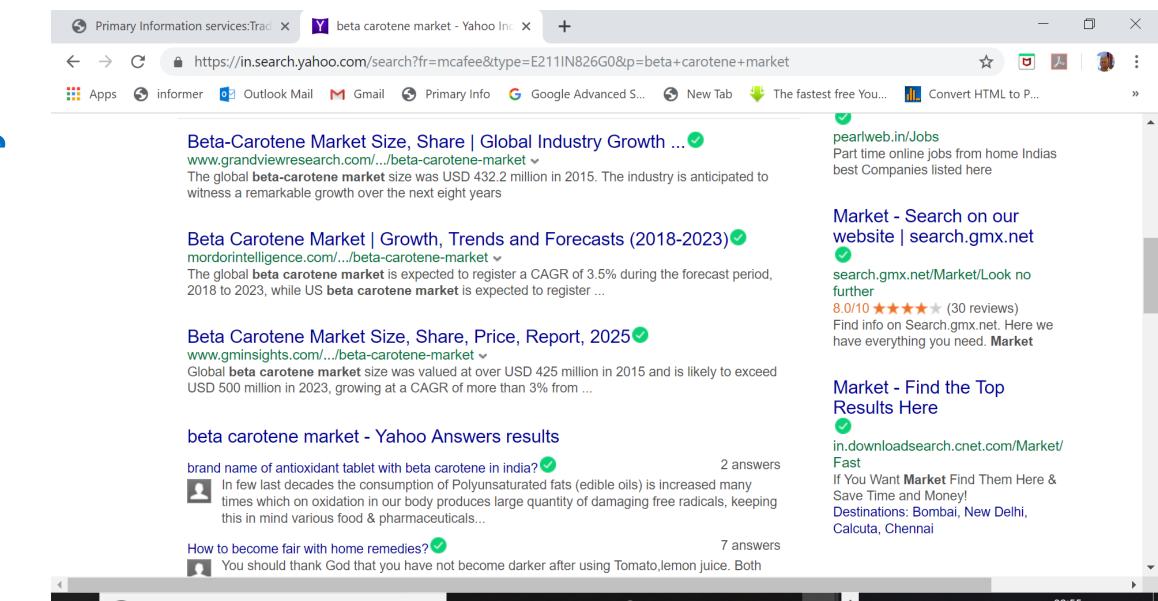


Beta-Carotene: Uses, Side E	ffects, 🗙 📔 🚱 Primary Informa	tion services:Trad 🗙 👉 \\SULFUR\SAFETY_PUBLIC	C\REFM × +	- 0	\times
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	/	SAFETY DATA SHEET	Page: 1 of	6	
Ca	uman	.betaCarotene	Revision: 03/27/2019 Supersedes Revision: 02/14/2015		
	according to	Regulation (EC) No. 1907/2006 as amended by (EC) No. 2015/830 and L	IS OSHA HCS 2015		
	Section 1. Ide	entification of the Substance/Mixture and of the Co	ompany/Undertaking		
1.1	Product Code: Product Name: Synonyms:	16837 .betaCarotene .beta.,.betacarotene; Food Orange 5; KPMK; Luca Solatene;	rotin; NSC 62794; Provatene; Provitamin /	A;	
1.2	Relevant identified uses of the	ne substance or mixture and uses advised against	:		
	Relevant identified uses:	For research use only, not for human or veterinary u	ise.	#	
1.3	Details of the Supplier of the	Safety Data Sheet:			
	Company Name:	Cayman Chemical Company 1180 E. Ellsworth Rd. Ann Arbor, MI 48108		+	
	Web site address:	www.caymanchem.com			
	Information:	Cayman Chemical Company	+1 (734)971-3335		
1.4	Emergency telephone numb	er:			
	Emergency Contact:	CHEMTREC Within USA and Canada: CHEMTREC Outside USA and Canada:	+1 (800)424-9300 +1 (703)527-3887		-
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gpo.gov govinfo.gov	e-CFR data is current as of July 18, 2019		
Browse / Search Previous	Title 21 \rightarrow Chapter I \rightarrow Subchapter A \rightarrow Part 73 \rightarrow Subpart A \rightarrow §73.95		
e-CFR Navigation Aids Browse Simple Search	Browse Previous Browse Next		
Advanced Search — Boolean — Proximity	Title 21: Food and Drugs PART 73—LISTING OF COLOR ADDITIVES EXEMPT FROM CERTIFICATION Subpart A—Foods		
Search History Search Tips Corrections	§73.95 β-Carotene. (a) <i>Identity.</i> (1) The color additive is β-carotene prepared synthetically or obtained from natural sources.		
Latest Updates User Info FAQs Agency List	(2) Color additive mixtures for food use made with β -carotene may contain only diluents that are suitable and that are listed in this subpart as safe in color additive mixtures for coloring foods.		
Incorporation By Reference Electronic Code of Federal Regulations	(b) <i>Specifications.</i> β-carotene shall conform to the following specifications: Physical state, solid.		
Related Resources	1 percent solution in chloroform, clear. Loss of weight on drying, not more than 0.2 percent.		
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Questions ?

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