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## [FCC Online: Missing Reference Standard Information in FCC PDFs](#)

USP identified that information about Reference Standards was omitted from the PDFs in the *FCC* online. These PDFs are accessed when selecting the “PDF” icon link from the *FCC* document pages. The online version and “print page” files continued to have information about Reference Standards during this time. The corrected PDFs are available as of September 1, 2023. Please note that the PDFs are not considered effective for compliance purposes.

Should you have any questions, please contact Marian Lydon, Senior Manager, Publications Development and Delivery ([myh@usp.org](mailto:myh@usp.org)).

A list of the impacted files is below:

- (-)-?-Bisabolol
- 1,3-Butylene Glycol
- 1,3-Propanediol
- 1-Hexadecanol
- 2,3-Butanedithiol
- 2-Acetylpyridine
- 3-Benzyl-4-Heptanone
- 5?-Adenylic Acid
- 5?-Cytidylic Acid
- Acesulfame Potassium
- Adipic Acid
- Advantame
- Allulose
- Allulose, Syrup
- Allyl Anthranilate
- Allyl Butyrate
- Allyl Cyclohexane Valerate
- alpha-Amylcinnamaldehyde Dimethyl Acetal
- alpha-Amylcinnamyl Acetate
- alpha-Amylcinnamyl Alcohol
- alpha-Amylcinnamyl Formate
- alpha-Cyclodextrin
- Alpha-Lactalbumin
- Amaranth
- Anise Oil
- Anisyl Butyrate
- Anisyl Propionate
- Ascorbyl Palmitate
- Ascorbyl Stearate
- Aspartame
- Azorubine

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- Benzaldehyde Propylene Glycol Acetal
  - Benzoic Acid
  - Benzyl Disulfide
  - Benzyl Mercaptan
  - Benzyl Methyl Sulfide
  - beta-Cyclodextrin
  - BHT
  - Biotin
  - Brilliant Black PN
  - Butyl Cinnamate
  - Butyl Heptanoate
  - Butyl Hexanoate
  - Butyl Isothiocyanate
  - Butyl Valerate
  - Caffeine
  - Calcium Ascorbate
  - Calcium Benzoate
  - Calcium Cyclamate
  - Calcium Lactobionate
  - Calcium L-Threonate
  - Calcium Pantothenate
  - Calcium Pantothenate, Calcium Chloride Double Salt
  - Calcium Phosphate, Dibasic
  - Calcium Phosphate, Tribasic
  - Calcium Saccharin
  - Camellia Seed Oil
  - Chitosan
  - Choline Chloride
  - Chromium Picolinate
  - Copovidone
  - Copper Gluconate
  - Creatine Monohydrate
  - Cyclamic Acid
  - ?-Damascone
  - ?-Carotene
  - ?-Damascone
  - ?-Damascone
  - Dehydroacetic Acid
  - Dexpanthenol
  - Dimethylpolysiloxane
  - Dioctyl Sodium Sulfosuccinate
  - Disodium 5?-Uridylate
  - Disodium Guanylate
  - Disodium Inosinate
  - dl-Panthenol
  - d-Ribose
  - d-Tagatose
  - Erythritol
  - Ethyl Lauroyl Arginate
  - Ethyl Maltol

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- Ethylparaben
  - Ferrous Gluconate
  - Fructose
  - Fumaric Acid
  - Glucosamine Hydrochloride
  - Glucosamine Sulfate Potassium Chloride
  - Glucosamine Sulfate Sodium Chloride
  - Glycerin
  - Glyceryl Behenate
  - Glyceryl Monooleate
  - Glyceryl Monostearate
  - Glycine
  - Guar Gum
  - Hemp Seed Oil
  - Hemp Seed Protein
  - Hesperidin
  - Hydrogenated Starch Hydrolysate
  - Isobutyl Heptanoate
  - Isomalt
  - Isomaltulose
  - L-Alanine
  - L-Arginine
  - L-Arginine Monohydrochloride
  - L-Aspartic Acid
  - L-Carnitine
  - L-Carnitine L-Tartrate
  - Lecithin
  - L-Glutamic Acid
  - L-Glutamine
  - L-Histidine
  - L-Isoleucine
  - Lithol Rubine BK
  - L-Leucine
  - L-Lysine Acetate
  - L-Lysine Monohydrochloride
  - L-Methionine
  - Locust (Carob) Bean Gum
  - L-Phenylalanine
  - L-Proline
  - L-Selenomethionine
  - L-Serine
  - L-Theanine
  - L-Threonine
  - L-Tryptophan
  - L-Valine
  - Lycopene Extract from Tomato
  - Lycopene from Blakeslea trispora
  - Lycopene, Synthetic
  - Malic Acid
  - Maltol

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- Mannitol
  - Meso-Zeaxanthin
  - Methylparaben
  - Monoammonium Glycyrrhizinate
  - Natamycin
  - Neohesperidine Dihydrochalcone
  - Neotame
  - Niacin
  - Niacinamide
  - Niacinamide Ascorbate
  - o-Anisaldehyde
  - Pectins
  - Phytic Acid Solution
  - Polydextrose
  - Polyethylene Glycols
  - Polyvinyl Acetate
  - Polyvinyl Alcohol
  - Ponceau 4R
  - Potassium Benzoate
  - Potassium Saccharin
  - Propyl Gallate
  - Propylene Glycol
  - Propylene Oxide
  - Propylparaben
  - Quercetin
  - Quinoline Yellow
  - Rebaudioside A
  - Riboflavin
  - Riboflavin 5'-Phosphate Sodium
  - Rice Bran Oil
  - Rosemary Extract
  - RRR- $\alpha$ -Tocopheryl Acetate
  - RRR- $\alpha$ -Tocopheryl Acid Succinate
  - Rutin
  - Saccharin
  - Sodium Benzoate
  - Sodium Cyclamate
  - Sodium Fumarate
  - Sodium Hyaluronate (from Microbial Fermentation)
  - Sodium Hydrogen dl-Malate
  - Sodium Iron EDTA
  - Sodium Oleate
  - Sodium Saccharin
  - Sorbitan Monolaurate
  - Sorbitan Monooleate
  - Sorbitan Monopalmitate
  - Sorbitan Monostearate
  - Sorbitan Tristearate
  - Sorbitol
  - Succinic Acid

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- Sucralose
  - Sucrose
  - Tartaric Acid
  - Taurine
  - Tea Polyphenols from Green Tea, Decaffeinated
  - Thiamine Mononitrate
  - trans-Resveratrol, Fermentation (*Saccharomyces cerevisiae*)
  - Trehalose
  - Turmeric Oleoresin
  - Vitamin A
  - Vitamin B12
  - Vitamin D2
  - Vitamin D3
  - Vitamin K
  - Xylitol
  - Xylose
  - Zinc Acetate
  - Zinc Gluconate
  - Zinc Stearate
  - Appendix V: Enzyme Assays