



the art and science of smart patch testing™

## FA182: Azorubine

### Patient Information

Your patch test result indicates that you have a contact allergy to azorubine. This contact allergy may cause your skin to react when it is exposed to this substance although it may take several days for the symptoms to appear. Typical symptoms include redness, swelling, itching, and fluid-filled blisters.

#### Where is azorubine found?

Azorubine is a red food dye from the azo dye group. It usually comes as a disodium salt. It is used when food is heat-treated after fermentation. Some of the foods it can be found in are blancmange, marzipan, Swiss rolls, jams, preserves, yogurts, jellies, breadcrumbs, and cheesecake mixes. It is also present in Oraldene Mouthwash.

#### How can you avoid contact with azorubine?

Avoid products that list any of the following names in the ingredients:

- 1-Naphthalenesulfonic acid, 4-hydroxy-3,4'-azodi-, disodium salt
- 1-Naphthalenesulfonic acid, 4-hydroxy-3-((4-sulfo-1-naphthalenyl)azo)-, disodium salt
- 11959 Red
- 2-(4-Sulfo-1-naphthylazo)-1-naphthol-4-sulfonic acid, disodium salt
- 2-(4-Sulpho-1-naphthylazo)-1-naphthol
- 4-sulphonic acid, disodium salt
- 4-Hydroxy-3,4'-azodi-1-naphthalenesulfonic acid, disodium salt
- 4-Hydroxy-3,4'-azodi-1-naphthalenesulphonic acid, disodium salt
- 4-Hydroxy-3-((4-sulfo-1-naphthalenyl)azo)-1-naphthalenesulfonic acid, disodium salt
- 4-Hydroxy-3-((4-sulpho-1-naphthalenyl)azo)-1-naphthalenesulphonic acid, disodium salt
- Acetacid Red B
- Acid Brilliant Rubine 2G
- Acid Brilliant Rubine 2GT
- Acid Brilliant Rubine A2G conc.
- Acid Chrome Blue 2R
- Acid Chrome Blue BA
- Acid Chrome Blue BA-CF
- Acid Chrome Blue FBS
- Acid Fast Red FB
- Acid Red 14
- Acid Red 2C
- Acid Rubine
- Acid Rubine Extra
- Acid brilliant rubine 2gt
- Acid brilliant rubine a2g conc.
- Airedale carmoisine
- Amacid Chrome Blue R
- Amacid carmoisine B
- Atul Acid Crystal Red
- Atul Crystal Red F
- Azo Rubin Extra
- Azo Rubine
- Azo Rubine (biological stain)
- Azo Rubine AF
- Azo Rubine Extra LC

- Azo Rubine LZ
- Azo Rubine S
- Azo Rubine S Specially Pure
- Azo Rubine XX
- Azo Rubine for food
- Azo rubin S
- Azo rubin XX
- Azorubin
- Brasilan Azo Rubine 2NS
- Brilliant Acid Rubine M
- Brilliant Crimson 2R. FQ
- Brilliant Crimson 2R.FQ
- Brilliant Crimson Red
- Brilliant carmoisine
- Bucacid Azo Rubine
- C.I. 14720
- C.I. Acid Red 14
- C.I. Acid Red 14, disodium salt
- C.I. Acid Red No. 14
- C.I. Food Red 3
- CCRIS 163
- CI 14720
- CI Acid Red
- CI Acid Red 14, disodium salt
- CI Food Red 3
- Calcocid Rubine XX
- Carmoisin
- Carmoisin [German]
- Carmoisine
- Carmoisine Aluminium Lake
- Carmoisine Aluminum Lake
- Carmoisine BA
- Carmoisine BA-CF
- Carmoisine BSS
- Carmoisine FU
- Carmoisine GRN
- Carmoisine LAS
- Carmoisine S
- Carmoisine Supra
- Carmoisine W
- Carmoisine WS
- Certicol carmoisine S
- Cerven kyselá 14
- Cerven kyselá 14 [Czech]
- Cerven potravinarska 3
- Cerven potravinarska 3 [Czech]
- Chrome Fast Blue 2R
- Chromotrop FB
- Chromotrope FB
- Cilefa Rubine R
- Crimson 2EMBL
- Crimson EMBL
- Diadem Chrome Blue G
- Diadem Chrome Blue R
- Disodium 2-(4-sulfo-1-naphthylazo)-1-naphthol-4-sulfonate
- Disodium 2-(4-sulpho-1-naphthylazo)-1-naphthol-4-sulphonate
- Disodium salt of 2-(4-sulpho-1-naphthylazo)-1-naphthol-4-sulphonic Acid
- E 122
- E122
- EINECS 222-657-4
- Edicol Supra Carmoisine W
- Edicol Supra Carmoisine WS
- Eniacid Brilliant Rubine 3B
- Erio Rubine B
- Eurocert Azorubine
- Ext D & C Red No. 10
- Ext D and C Red No. 10
- Extract D and C Red No. 10
- Fenazo Red C
- Food Red 5
- Fruit Red A Extra Yellowish Geigy
- HD Carmoisine Supra
- HD carmoisine
- HSDB 4137
- Hexacol carmoisine
- Hexacol carmoisine conc.
- Hidacid Azo Rubine
- Hispacid Rubine F
- Java Rubine N
- Karmesin
- Kenachrome Blue 2R
- Kiton Crimson 2R
- Kiton Rubine R
- L. Red Z 3040
- Lighthouse Chrome Blue 2R
- NCI-C53849
- NSC 7807
- Nacarat
- Nacarat (VAN)
- Nacarat A export
- Nacarat Extra Pure 1A
- Nacarat Extra Pure A
- Neklacid Azorubine W
- Neklacid Rubine W
- Nylomine Acid Red P4B
- Omega Chrome Blue FB
- Poloxal Red 2B
- Poloxal Red 2BRED #1411959 Red
- Pontacyl Rubine R
- Red #14
- Schultz Nr. 208
- Schultz Nr. 208 [German]
- Solar Rubine
- Solochrome Blue FB
- Standacol carmoisine
- Terracid Red CA
- Tertrochrome Blue FB
- omega Chrome Blue FB

## What are some products that may contain azorubine?

### Food Products:

- Breadcrumbs
- Cheesecake mix
- Jelly
- Marzipan
- Swiss Roll
- Yogurt

### Mouthwashes

\*For additional information about products that might contain **azorubine**, go to the Household Product Database online (<http://householdproducts.nlm.nih.gov>) at the United States National Library of Medicine. These lists are brief and provide just a few examples. They are not comprehensive. Product formulations also change frequently. Read product labels carefully and talk to your doctor if you have any questions. These are general guidelines. Talk to your doctor for more specific instructions.