

ADULTERATION SERIES – SAFFRON

Adulteration has always been an issue where there is an incentive to make money from the reduced cost of raw materials. Saffron has been a prime example of adulteration in the marketplace and continues to be an issue for companies sourcing raw materials.

ChromaDex has a large line of reference standards that are related to Saffron adulterants and compounds that can help authenticate your saffron supply. Many groups have worked on informing the community about the issue of saffron adulteration including ABC and AOAC just to name a few. If you are as concerned with the authenticity of your raw materials as we are, you will agree quality testing procedures and high-quality reference standards are a necessity. Look at the line of standards available from ChromaDex and let us know if you need a different solution that is not listed.

Our good colleagues at ABC-AHP-NCNPR Botanical Adulterants Prevention Programs; In 2022 released a comprehensive bulletin on Saffron adulteration which can [viewed here](#). To get involved in AOAC Food Authenticity Methods Program or if it simply piques your interest, you can find more information [here](#).

We are your partner in elevating the quality of natural products in the marketplace and the safety of raw materials. Listed below are some common adulterant standards and authentic saffron standards that are available to order today.

Ordering Information

Adulterants Standards

Name	Grade	Part Number	Name	Grade	Part Number
Cornsilk Stigma (Zea Mays)	BRM	00031127	Gardenia Fruit (Gardenia Jasminoides)	BRM	00030272
Arnica Aerial (Arnica Montana)	BRM	00031160	Geniposide (Gardenia)	Primary	00007070
Paprika Fruit (Capsicum Annuum)	BRM	00031164	Safflower Petals (Carthamus Tinctorius)	BRM	00031101
Turmeric Rhizome (Curcuma longa)	VBRM	00030963	Beet Root (Beta Vulgaris)	BRM	00031069
Sudan I	Primary	00019386	Marigold Petals (Calendula Officinalis)	VBRM	00030390
Ponceau 4R	Primary	00016982			

Authentic Saffron Standards

Name	Grade	Part Number
Saffron Stigma (Crocus Sativus)	Whole Cut VBRM	00041389
Crocin	Primary	00003889
Trans-Crocetin	Reagent Grade	00003885

