



Annatto Powder Extract, Water Soluble Colorant
 INCI: Bixa Orellana (Annatto) Seed Extract (and) Maltodextrin
 Product ID: NCEXTANNATTOWSFR741

Specifications

Analytical Details	Methods	Specifications
Spray Drying Excipient:		≤ 50%
Humidity:	105 °C / 3 hours	< 15%
Related Density:		0.4 - 0.6
pH:	1% H ₂ O Sol'n / 25 °C	9.0 - 10.5
Norbixin:		3.0 - 4.0%
Insolubles (> 8 µm):	0.1% H ₂ O Sol'n / 25 °C	< 10%
H₂O Solubility:	25 °C	Good
H₂O/EtOH (50/50) Solubility:	25 °C	Good
Microbiological		
Total Aerobic Count:	NF ISO 21149	< 10,000 cfu/g
Yeast & Mold:	NF EN ISO 16212	< 100 cfu/g
Enterobacteriaceae:	P.E.2.6.13	Absent
Heavy Metals		
Arsenic:	ICP/AES	< 3.0 ppm
Cadmium:	ICP/AES	< 10 ppm
Mercury:	ICP/AES	< 1.0 ppm
Lead:	ICP/AES	< 20 ppm
Pesticides		
Multiresidual Analysis:	GC-MS	< 10 ppm
Shelf Life:	3 Years	
Storage:	Hygroscopic product. Keep away from moisture and light in tightly sealed packaging.	

Date: 10/09/2020

Disclaimer: All information, appearing herein on our products is based upon data that are believed to be reliable. However, it is the user's responsibility to determine the suitability of the product before use. Since the actual use of the product is beyond our control, no guarantee, express or implied, is made by Natural Sourcing of the product nor does Natural Sourcing assume any liability arising out of use, by others, of the product referred to herein.

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