



ART VATIKA INSTITUTE

One Stop Solution to all Your Cosmetic Needs

Product Name	Water Blue	Batch No.	AVI/S/23-24/1909
Synonyms	Food Blue 2, Acid Blue 9, E133	Mfg Date	December 2022
Product Code	BK F 12	Exp Date	December 2027
Manufacturer	Art Vatika		
S. No.	Attributes	Limits	Result
1	Physical Appearance	Blue to Reddish Blue Powder	Comply
2	Hue in Water	Blue	Comply
3	Total dye content, corrected for sample dried at 105 degree centigrade for 2 hours, percent by mass, Min	80	89
4	Loss on drying at 135°C, percent by mass & Chlorides and Sulphates expressed as Sodium Salt, percent by mass, Max	15	13.2
5	Water-insoluble matter, percent by mass, Max	0.2	0.05
6	Combined ether extracts, percent by mass, Max	0.2	<00.20
7	Subsidiary dyes, percent by mass, Max	3	<03.00
8	Dye intermediates, percent by mass, Max a) 0, sulfo-benzaldehyde, Max b) N-N' ethyl-benzyl-aniline-3-sulfonic acid, Max c) Leuco base, percent by mass, Max	1.5 00.30 05.00	<01.50 <00.30 <05.00
9	Unsulphonated Primary Aromatic Amines, percent by mass, Max	0.01	<00.01

10	Lead, mg/kg, Max	2	<02.00				
11	Arsenic, mg/kg, Max	2	<01.00				
12	Chromium, mg/kg, Max	50	<50.00				
13	Mercury, mg/kg, Max	1	<01.00				
14	Cadmium, mg/kg, Max	1	<01.00				
15	Heavy Metals, mg/kg, Max	40	<40.00				
Chemical Name :				Brilliant Blue FCF			
CAS Number :				42090			
				Approved By			

Opinion: The sample Complies with prescribed standard of quality with respect to above tests.

