













TECHNICAL DATA SHEET

Product name :	Beet Red Water Soluble Dye
Date :	01.10.2022

CHARACTERISTICS		RANGE	
<b>Physical properties</b>			
Characteristics		Beet Red	
<b>Chemical composition</b>			
Pure dye content		87.0-100.0 %	
<b>Chemical characterization:</b>			
<b>CAS NO. Description</b> 3567-66-6			
<b>Identification number(s)</b> EINECS Number: 222-656-9			
<b>Color Index:</b> 17200			
<b>Additional information:</b> Molecular Formula:C16H11N3Na2O7S2			
<b>Heavy metals</b>			
As	< 1 ppm	Hg	< 1 ppm
Pb	< 5 ppm		
<b>Microbial purity</b>			
Total viable Aerobic count		< 100	
E. Coli		Absent in 1 g	
Pseudomonas aeruginosa		Absent in 1 g	
Staphylococcus aureus		Absent in 1 g	
Salmonella species		Absent in 1 g	
Candida albicans		Absent in 1 g	

## *Certificate of Analysis*

Product Code: Beet Red Water Soluble Dye  
 Supplier/Manufacturer: Craftovator Studio  
 Shelf Life: 5 Years

NO.	TESTS	SPECIFICATIONS	RESULTS
1	PURE DYE CONTENT	>87%	91.30%
2	WATER INSOLUBLE MATTER	<0.2%	0.12%
3	LOSS ON DRYING AT 135°C, 1 HOUR	<15.0%	6.32%
4	4-AMINO-5-HYDROXY-2, 7-NAPHTHALENE DISULPHONIC ACID, DISODIUM SALT	<0.3%	0.077
5	4, 5-DIHYDROXY-3-(PHENYLAZO)2, 7-NAPHTHALENE DISULPHONIC	<3.0%	1.00%
6	ANILINE	<25PPM	<5PPM
7	4-AMINOAZOBENZENE	<100PPM	<10PPM
8	1,3-DIPHENYLTRIAZENE	<125PPM	<15PPM
9	4-AMINOBIHENYL	<275PPM	<25PPM
10	AZOBENZENE	<1PPM	<1PPM
11	BENZIDINE	<20PPM	<5PPM
12	LEAD	<5PPM	<5PPM
13	ARSENIC	<1PPM	<1PPM
14	MERCURY	<1PPM	<1PPM

It is hereby confirmed that the delivered goods have been examined and they are in accordance with our confirmation of order