

GREEN S – PRODUCT DATASHEET

Product Name	GREEN S
Colour Shade	Green
Synonyms	Acid Green 50
Chemical Name	Sodium N-(4-((dimethylamino)phenyl)(2-hydroxy-3,6-disulfo-1-naphthalenyl)-methylene)-2,5-cyclohexadien-1-ylidene)-N-methyl methanaminium
C.I. No	44090
C.I. Name	Food Green 4
FDA Status	-
CAS No.	3087-16-9
EINECS No.	221-409-2
E. Number	E-142

Sr. No.	Test	Limit
1	Total dye content, percent by mass on dry basis at 105 ± 1°C for 2 hrs	Min. 80.00
2	Water insoluble matter, percent by mass	Max 0.20
3	Combined ether extract, percent by mass	Max 0.20
4	Unsulphonated primary aromatic amines, percent by mass (calculated as aniline)	Max 0.01
5	Subsidiary dyes, percent by mass	Max 1.00
6	Dye intermediates, percent by mass. 4,4-bis(dimethylamino)-benzhydriyl alcohol (Max 0.10); 4,4-bis(dimethylamino)-benzophenone (Max 0.10); 3-hydroxynaphthalene-2,7-disulfonic acid (Max 0.20)	—
7	Leuco base, percent by mass	Max 5.00
8	Total heavy metals as Lead, mg/kg	Max 40
9	Arsenic, ppm	Max 3
10	Lead, ppm	Max 2
11	Mercury, ppm	Max 1
12	Cadmium, ppm	Max 1