

AMARANTH – PRODUCT DATASHEET

Product Name	AMARANTH
Colour Shade	Reddish Purple
Synonyms	Food Red - 9
Chemical Name	Trisodium 2-hydroxy-1-(4-sulfonato-1-naphthylazo) naphthalene-3,6-disulfonate
C.I. No	16185
C.I. Name	Acid Red 27
FDA Status	--
CAS No.	915-67-3
EINECS No.	213-022-2
E. Number	E-123

Sr. No.	Test	Limit
1	Total colouring matters calculated as the sodium salt, percent by mass	Min. 85.00
2	Water insoluble matter, percent by mass	Max 0.20
3	Combined ether extract, percent by mass	Max 0.20
4	Un sulfonated primary aromatic amines, percent by mass	Max 0.01
5	Subsidiary dyes, percent by mass	Max 3.00
6	Total organic compound other than colouring matters, percent by mass. 4-aminonaphthalene-1-sulfonic acid; 3-hydroxynaphthalene-2,7-disulfonic acid; 6-hydroxynaphthalene-2-sulfonic acid; 7-hydroxynaphthalene-1,3-disulfonic acid; 7-hydroxynaphthalene-1,3,6-trisulfonic acid	Max 0.50
7	Heavy metals as Pb, mg/kg	Max 40
8	Arsenic, mg/kg	Max 3
9	Lead, mg/kg	Max 2
10	Mercury, mg/kg	Max 1
11	Cadmium, mg/kg	Max 1