

Some of the specifications of different forms of red food color are as follows:

PONCEAU 4R		
Classification - C.I No. -16255/E 124/C.I. FOOD RED 7/C.I. ACID RED 18/IS2558		
No.	Characteristic	Requirement
	DESCRIPTION	REDDISH POWDER.
1)	Total color/Assay, percent by Mass, min.	80.00
2)	Water-insoluble matter, percent by mass, Max.	00.20
3)	Combined ether extracts, percent by mass, Max.	00.20
4)	Subsidiary dyes, percent by mass, Max.	01.00
5)	Dye intermediates, percent by mass, max. <ul style="list-style-type: none"> • 1-naphthylamine-4-sulfonic acid • 2-naphthol-6,8-di-sulfonic acid 	00.50
6)	Un sulfonated primary aromatic amine (calculated as aniline) percent by mass, max.	00.01
7)	Lead, mg/kg, Max.	10.00
8)	Arsenic, mg/kg, Max.	03.00
9)	Heavy metals, (as pb) mg/kg, max	40.00
10)	Mercury, mg/kg, Max.	01.00
11)	Cadmium, mg/kg, Max	01.00