



Specification for FD and C Blue No. 1 (FD110)

Item Number	FD110
Item	FD and C Blue No. 1
CAS Number	3844-45-9
Molecular Formula	$C_{37}H_{34}N_2O_9S_3Na_2$
Molecular Weight	792.86
MDL Number	
Synonyms	Acid Blue 9 ; Brilliant Blue FCF ; Erioglaucine

Test	Specification	
	Min	Max
FDA LOT NUMBER		
TOTAL COLOR	85 %	
ARSENIC (As)		3 ppm
CHROMIUM (as Cr)		50 ppm
N-ETHYL,N-(M-SULFOBENZYL)SULFANILIC ACID		0.3 %
LEAD (Pb)		10 ppm
LEUCO BASE		5 %
SUM OF O-, M-, AND P-SULFOBENZALDEHYDES		1.5 %
MANGANESE (AS MN)		100 ppm
SUBSIDIARY COLORS		6 %
SUM OF VOLATILE MATTER (@ 135 C) AND CHLORIDES AND (CALCULATED AS SODIUM SALTS)		15 %
WATER INSOLUBLE MATTER		0.2 %
IDENTIFICATION	TO PASS TEST	
CERTIFIED HALAL		
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

Corporate Headquarters:	West Coast Facility:
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000