

CERTIFICATE OF ANALYSIS

Product Name : FD & C YELLOW 5 LAKE

Batch No. : 082239

C.I. No. : 19140:1

Mfg.Dt : AUG.- 2022

Exp. Dt : JULY.- 2027

USFDA LOT NO.: BB8828

CAS NO.: 12225-21-7

IUPAC NAME : Aluminium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)-1H-pyrazole-3-carboxylate

Sr. No.	Test	Specifications	Results
1.	Description	Yellow coloured powder.	Yellow coloured powder.
2.	pH of 2% slurry in Distilled water	3.5-5.5	4.1
3.	Retention on 200 mesh sieve.	Maximum 2.0 %	1.3%
4.	Arsenic (as As)	Maximum 3 ppm	<3 ppm
5.	Lead (As Pb)	Maximum 10 ppm	<10 ppm
6.	Mercury (As Hg)	Maximum 1 ppm	<1 ppm
7.	Micro test	Maximum 100 micro org/g Pathogens Nil	Complies
8.	Dye Content (On as is basis)	32.00% - 40.00%	33.24 %