



## CERTIFICATE OF ANALYSIS

Product Name : <b>CARMOISINE</b>	C.I. No. : 14720
Synonyms : Acid Red # 14	C.I. Name : Food Red- 3
Chemical Name : Disodium Salt Of 2-(4 Sulpho -1-Naphthylazo_1-Naphthol-4-Sulphonic Acid	FD & C No. : ----
	CAS No. : 3567-69-9
	EINECS No. : 222-657-4
	E. NO. : E-122

REPORT NO. : <b>101</b>	DATE : <b>05/01/24</b>
NAME OF PARTY : <b>Sana Tarim Ve Gida Limited Sirketi.</b>	
LOT NO. : <b>CAR-2324/101</b>	
QUANTITY : <b>1000.00 Kgs.</b>	MFG. DATE : <b>3/Jan/24</b>
REF NO. : <b>-</b>	EXP. DATE : <b>2/Jan/29</b>

SR. NO.	TEST	LIMITS	RESULTS
1.	Total colouring matters calculated as the sodium salt percent by mass .MIN.	85.00	87.38
2.	Water insoluble matter, percent by mass MAX	00.20	0.12
3.	Combined ether extract, percent by mass, MAX	00.20	0.032
4.	Subsidiary dyes, percent by mass, MAX	01.00	0.49
5.	Organic compound other than colouring matters, percent by mass, MAX  4-aminonaphthalene-1-sulfonic acid 4-hydroxynaphthalene-1-sulfonic acid	00.50	0.31
6.	Unulfonated Primary aromatic amines. percent by mass, MAX	00.01	0.0054
7.	Total Heavy Metal as Lead (mg/kg.) MAX	40.00	<40.00
8.	Arsenic, (mg/kg.) MAX	03.00	<03.00
9.	Lead, (mg/kg.) MAX	02.00	<02.00
10.	Mercury(mg/kg)MAX	01.00	<01.00
11.	Cadmium( mg/kg)MAX	01.00	<01.00

**Prepared By**  
Lab Chemist  
C.B.Patel

**Approved By**  
Q. A. Incharge / Director  
T.V.Khengar

