

CERTIFICATE OF ANALYSIS		
PRODUCT: FD&C RED 40 ALUMINIUM LAKE	CODE:	DATE:
C.I.NO: 16035:1	CAS NO: 68583-95-9	BATCH NO.
MFG DATE:	EXP DATE:	

SR.NO.	TEST	SPECIFICATIONS	RESULTS
1	PHYSICAL APPEARANCE	FINE RED POWDER	FINE RED POWDER
2	PURE DYE CONTENT	36-42.0%	37.5%
3	SOLUBILITY	INSOLUBLE IN WATER & ORGANIC SOLVENT	PASSES
4	CHLORIDES & SULFATES AS SODIUM SALTS, PERCENT BY MASS	2.00% MAX	1.132%
5	HCL INSOLUBLE MATTER, PERCENT BY MASS	0.5% MAX	0.144%
6	LOSS ON DRYING AT 105°C, PERCENT BY MASS	15.00% MAX	6.6%
7	ETHER EXTRACTABLE MATTER	0.2% MAX	0.098%
8	LEAD	<5 PPM	PASSES
9	ARSENIC	<2 PPM	PASSES
10	MERCURY	<1 PPM	PASSES

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