

### CERTIFICATE OF ANALYSIS

PRODUCT: FD&C BLUE 1 ALUMINIUM LAKE	CODE:	DATE:
C.I.NO: 42090:2	CAS NO: 68921-42-6	BATCH NO.
MFG DATE:	EXP DATE:	

SR.NO.	TEST	SPECIFICATIONS	RESULTS
1	PHYSICAL APPEARANCE	FINE BLUE POWDER	FINE BLUE POWDER
2	PURE DYE CONTENT	15-22.0%	20.3%
3	SOLUBILITY	INSOLUBLE IN WATER & ORGANIC SOLVENT	PASSES
4	CHLORIDES & SULFATES AS SODIUM SALTS, PERCENT BY MASS	2.00% MAX	1.9%
5	HCL INSOLUBLE MATTER, PERCENT BY MASS	0.5% MAX	0.4 0%
6	LOSS ON DRYING AT 135°C, PERCENT BY MASS	18.00% MAX	15.4%
7	PH OF 2% SLURRY IN DISTILLED WATER	0.4-4.5	4.23
8	LEAD	<5 PPM	PASSES
9	ARSENIC	<2 PPM	PASSES
10	MERCURY	<1 PPM	PASSES

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