

CERTIFICATE OF ANALYSIS

Product:	Fast Green F.C.F., C.I. 42053
Catalog Number :	2353-45-9
Molecular Formula:	C₃₇H₃₄N₂Na₂O₁₀S₃
Molecular Weight:	808.86
Lot No.:	110124
Expiry Date:	03/2024
Storage:	Room temperature, dry, tightly closed lined container.

TESTS	SPECIFICATIONS	RESULTS
Description:	Red to brown powder	Maroon powder
Identification :	To pass test	Passes Test
Assay : (on dry basis at 105 °C/ 2 hours)	85.0% minimum	99.0%
Water-insoluble matter :	0.20% maximum	0.074%
Spectroscopy :		Peak 625 nm ratio 1.30 @ 610/640 nm Density @ peak 0.452 au
Arsenic :	3.00 mg/kg maximum	0.92 mg/kg
Chromium :	50.00 mg/kg maximum	3.12 mg/kg
Lead :	10.00 mg/kg maximum	2.08 mg/kg
Solubility 1mg/ml in H₂O :	Dark blue green solution	Passes Test

Quality Inspector