

CERTIFICATE OF ANALYSIS

Product:	Ethyl Violet C.I. 42600
CAS :	2390-59-2
Molecular Formula:	C₃₁H₄₂ClN₃
Formula Weight:	492.15
Lot No.:	240124
Expiry Date:	06/2028
Storage:	Room temperature, dry, tightly closed lined container.

TESTS	SPECIFICATIONS	RESULT
Description:	Dark brown to olive green crystalline powder	Olive green crystalline powder
Identification:	Conforms to structure and standard	Conforms to structure and standard
Water Insolubles:	2.0% maximum	0.02%
Loss on drying @ 105°C:	5.0% maximum	0.18%
UV-Visible Spectrum: (in H₂O)	E(596 +/- 3nm)= 80,000min. E(307 +/- 3nm) = 17,000min. E(253 +/- 3nm) = 12,000min.	E(595.0nm)= 88,388 E(305.0nm) = 20,473 E(254.0nm) = 13.979
Solubility (1 mg/ml. H₂O):	Dark purple solution	Clear deep purple solution
Nitrogen content:	6.5%- 8.5%	Passes Test
Melting Point:	Above 250 deg. C	Passes Test

*This material is chemically synthesized.

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Quality Inspector