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Certificate of Analysis

Catalogue Number	22936
Lot Number	000331-28744
Product	Erythrosin B certified

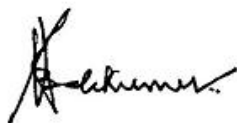
Acid Red 51

CI 45430

CAS Number	16423-68-0
Molecular Formula	C ₂₀ H ₆ I ₄ O ₅ •2Na
Molecular Weight	879.84

Appearance	Maroon powder
Solubility	Clear, red-orange to red solution (10 mg/ml in H ₂ O)
UV Ratios	λ _{max} 527 nm, ratio 1.45 at 512/542
Visual Transition Range	pH 0.0 (yellow) to pH 3.5 (fluorescent red)
Inorganic Impurities	0.005% (NaI)
Related Substances	Tri-Iodoresorcinol < 0.20%
Dye content	91%
Grade	Certified Grade
Storage	Store at RT
Additional Information	Subsidiary dyes: 1.02%;
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager