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Certificate of Analysis

Catalog Number	22923
Product Name	Eosin B Spirit Soluble Acid Red 91 CI 45400
CAS Registry Number	56360-46-4
Molecular Formula	C ₂₀ H ₈ Br ₂ N ₂ O ₉
Molecular Weight	580.1
Appearance	Yellow to orange powder
Infrared spectrum	Conforms to structure
Solubility	Clear red solution (in Water + 1 mL 2% Na ₂ CO ₃)
UV absorption	Absorptivity : 1%/1cm (in Water + 1mL, 2% Na ₂ CO ₃ at λ max. 516.8nm): > 1020
Visual transition range	From pH 1.4 (Colorless) to pH 2.4 (Fluorescent Pink)
Dye content	≥ 95%
Storage	Store at RT