



Specification

Eriochrome Cyanine R

Catalog Number:	EC1003
CAS Number:	3564-18-9
C.I. Number:	43820
Synonyms:	Mordant Blue 3; Chromoxane Cyanine R; Solochrome Cyanine R
Molecular Formula:	$C_{23}H_{15}Na_3O_9S$
Molecular Weight:	536.40
Storage:	15°C – 30°C

Test	Specification
Lambda Max:	435 nm in pH 7 aqueous buffer
Dye content:	~ 50%
Visual transition Interval:	From pH 1.0 (yellow-orange) To pH 2.0 (red) From pH 6.0 (red) To pH 7.0 (yellow) From pH 11.0 (yellow) To pH 12.0 (blue)
Solubility:	5% in water 2% in ethanol

Approved:

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