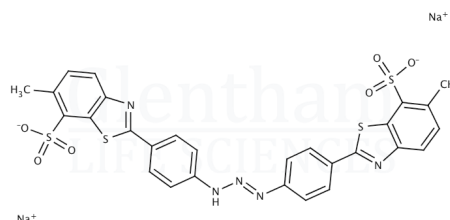


Certificate of Analysis

Product Name Thiazole Yellow G (C.I. 19540)
Glentham Code GT3471
CAS Number 1829-00-1
Colour Index 19540
PubChem SID 310280860
MDL Number MFCD00013091
Batch Number 967BMJ

Molecular Weight 695.72
Molecular Formula $C_{28}H_{19}N_5Na_2O_6S_4$
Storage Temp. +20°C



Property	Specification	Batch 967BMJ
Physical Description	Yellow to dark yellow-brown or red-brown powder	Yellow-brown powder
Solubility (1% in water)	Clear to very faintly turbid, red to dark red or brown to dark orange solution	Very faintly turbid, dark orange solution
pH Transition Range	12 - 13 (yellow to red-orange)	Conforms
Wavelength of Maximum Absorption (λ_{max})	403.0 - 409.0 nm (water)	405.8nm
Specific Absorption ($E_{1\%}/1cm$)	≥ 500 (water, λ_{max})	542
Loss on Drying	$\leq 10.0\%$	3.7%
Dye Content (Spectrophotometry)	$\geq 65.0\%$	67.7%

Specification Version v1.0
Manufacture Date 2021-03-01
Re-Test Date 2032-03-01

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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