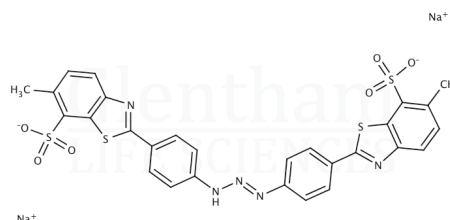


## Certificate of Analysis

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 ( $\lambda_{max}$ )	403.0 - 409.0 nm (water)	405.8nm
Specific Absorption ( $E_{1\%}/1cm$ )	$\geq 500$ (water, $\lambda_{max}$ )	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024