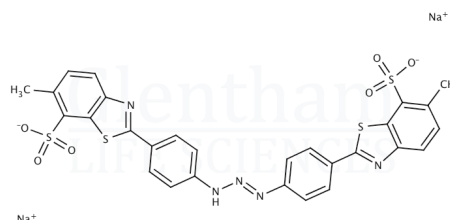


Product Specification

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



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

Specification Version	- v1.0
Date Created	- 2021-01-29

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025