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Certificate of Analysis

Product Name	Thiazole Yellow	w G (C.I. 19540)		
Glentham Code	GT3471			
CAS Number	1829-00-1			Na ⁺
Colour Index	19540			°\
PubChem SID	310280860		H ₃ C	0 CH3
MDL Number	MFCD0001309	91		s -
Batch Number	967BMJ		,// °o	
Molecular Weight	695.72		Na ⁺	
Molecular Formula	C ₂₈ H ₁₉ N ₅ Na ₂ C	D ₆ S ₄		
Storage Temp.	+20°C			
Property		Specification		Batch 967BMJ
Physical Description		Yellow to dark yellow-brow powder	vn or red-brown	Yellow-brown powder
Solubility (1% in water)		Clear to very faintly turbid, brown to dark orange solu		Very faintly turbid, dark orange solution
pH Transition Range		12 - 13 (yellow to red-oran	ge)	Conforms
Wavelength of Maximum	h Absorption (λmax	x) 403.0 - 409.0 nm (water)		405.8nm
Specific Absorption (E1%/1cm)		≥ 500 (water, λmax)		542
Loss on Drying		≤ 10.0%		3.7%
Dye Content (Spectrophe	otometry)	≥ 65.0%		67.7%
	.,			
Specification Version	v1.0			
Manufacture Date	2021-03-01			

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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