

## Certificate of Analysis

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Product Name	Basic Yellow 40
Glentham Code	GT8545
CAS Number	12221-86-2
Additional CAS	35869-60-4
Batch Number	512TCL

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Molecular Weight	473.54
Molecular Formula	$C_{23}H_{27}N_3O_6S$
Storage Temp.	+20°C

Property	Specification	Batch 512TCL
Physical Description	Bright green to yellow powder	Yellow powder
Solubility (0.1% in water)	Clear, yellow to green solution	Clear, yellow solution
Wavelength of Maximum Absorption	432 - 436 nm	434nm
Loss on Drying	≤ 3.0%	1.04%
Water Insoluble Matter	≤ 0.1%	Conforms

Specification Version	v1.0
Manufacture Date	2015-04-02
Re-Test Date	2025-04-27

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.

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