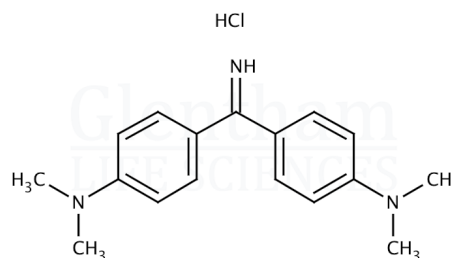


## Certificate of Analysis

Product Name Auramine O (C.I. 41000)  
Glentham Code GT5481  
CAS Number 2465-27-2  
EINECS 219-567-2  
Colour Index 41000  
MDL Number MFCD00012484  
PubChem SID 310267116  
Batch Number 924WCL

Molecular Weight 303.84  
Molecular Formula  $C_{17}H_{21}N_3 \cdot HCl$   
Storage Temp. +20°C



Property	Specification	Batch 924WCL
Physical Description	Yellow powder	Conforms
Solubility (0.1% in ethanol)	Clear to slightly turbid, yellow to dark yellow solution	Conforms
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	430.0 - 440.0 nm	436.4nm
Absorption Ratio ( $\lambda_{max} \pm 15nm$ )	1.0 - 1.45	1.07
Specific Absorption ( $E1\%/1cm$ )	$\geq 1000$ (at $\lambda_{max}$ )	1139
Water	$\leq 10.0\%$	Conforms
Dye Content	$\geq 80\%$	$\geq 80\%$

Specification Version v1.1  
Manufacture Date 2015-08-24  
Re-Test Date 2027-08-23

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, 2025