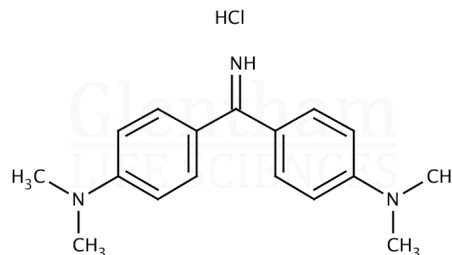


## Product Specification

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



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

Specification Version	- v1.1
Date Created	- 2018-08-29

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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