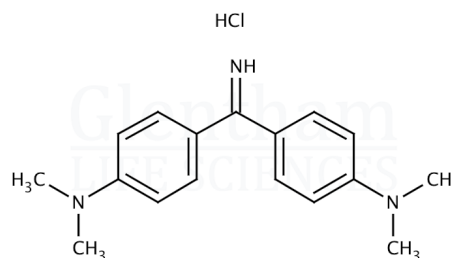


Product Specification

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 (λ_{max})	430.0 - 440.0 nm
Absorption Ratio ($\lambda_{max} \pm 15nm$)	1.0 - 1.45
Specific Absorption (E1%/1cm)	≥ 1000 (at λ_{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 or contact us using the details above for the current version of this document.

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