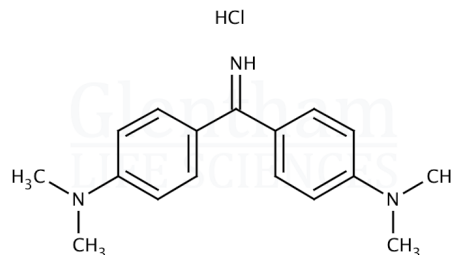


Certificate of Analysis

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 (λ_{max})	430.0 - 440.0 nm	436.4nm
Absorption Ratio ($\lambda_{max} \pm 15nm$)	1.0 - 1.45	1.07
Specific Absorption (E1%/1cm)	≥ 1000 (at λ_{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 or contact us using the details above for the current version of this document.

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