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## **Product Specification**

Product Name Auramine O (C.I. 41000)

 Glentham Code
 GT5481

 CAS Number
 2465-27-2

 EINECS
 219-567-2

 Colour Index
 41000

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 41000

 MDL Number
 MFCD00012484

 PubChem SID
 310267116

 $\begin{array}{ll} \mbox{Molecular Weight} & 303.84 \\ \mbox{Molecular Formula} & \mbox{C}_{17}\mbox{H}_{21}\mbox{N}_3 \cdot \mbox{HCI} \\ \mbox{Storage Temp.} & +20^{\circ}\mbox{C} \end{array}$ 

H<sub>3</sub>C N CH<sub>3</sub>

HCI

Property Specification

Physical DescriptionYellow powderSolubility (0.1% in ethanol)Clear to slightly turbid, yellow to dark yellow solutionWavelength of Maximum Absorption (λmax)430.0 - 440.0 nmAbsorption Ratio (λmax ± 15nm)1.0 - 1.45Specific Absorption (E1%/1cm)≥ 1000 (at λmax)Water≤ 10.0%Dye Content≥ 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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