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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 $C_{17}H_{21}N_3 \cdot HCI$ Storage Temp. +20°C

 H_3C CH_3 CH_3

HCI

Specification Batch 924WCL Property Physical Description Yellow powder Conforms Solubility (0.1% in ethanol) Clear to slightly turbid, yellow to dark yellow Conforms solution Wavelength of Maximum Absorption (λmax) 430.0 - 440.0 nm 436.4nm Absorption Ratio (λmax ± 15nm) 1.0 - 1.451.07 Specific Absorption (E1%/1cm) ≥ 1000 (at \(\lambda\)max) 1139 ≤ 10.0% Water Conforms Dye Content ≥ 80% ≥ 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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