



## Certificate of Analysis

### Auramine O Certified

**Catalog Number:** AU1001  
**Lot Number:** 1003902  
**CAS Number:** 2465-27-2  
**C.I. Number:** 41000  
**Molecular Formula:**  $C_{17}H_{21}N_3 \cdot HCl$   
**Molecular Weight:** 303.84  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** November 1, 2018  
**Retest Date:** October 1, 2028

Test	Specification	Result
Appearance	Yellow powder	Conforms
Dye Content	≥ 80%	80%
Solubility	Soluble in alcohol; slightly soluble in water	Conforms
Spectroscopy (5-6 mg/L)	Abs peak 429nm – 435nm	Abs peak 433nm Ratio 1.09 at 418/448nm Density @ peak 0.537au

Approved by:

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Date: October 4, 2019