



Specification

Auramine O Certified

Catalog Number:	AU1001
CAS Number:	2465-27-2
C.I. Number:	41000
Synonym(s):	4,4'-(Imidocarbonyl)bis(<i>N,N</i> -dimethylaniline) monohydrochloride, Basic Yellow 2, Pyoctaninum aureum
Molecular Formula:	$C_{17}H_{21}N_3 \cdot HCl$
Molecular Weight:	303.84
Storage:	15°C – 30°C
Retest Period:	Ten years from date of manufacture.

Test	Specification
Appearance	Yellow powder
Dye Content	~80%
Solubility	Soluble in alcohol; slightly soluble in water
Spectroscopy (5-6 mg/L)	Abs peak 429nm – 435nm

Approved:

Date: September 10, 2019

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