

02.15 pos. 4

Certificate of Analysis

1. Identification

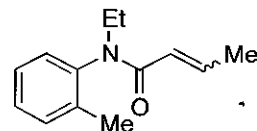
Catalogue Number

C818005

Lot Number

4-XZL-121-1

Structure



Product Name

Crotonamiton (Cis/Trans Mixture)

Synonyms

N-Ethyl-o-crotonotoluidide; Crotalgin; Crotamitex; Crotamiton; Crotamitone; Crotonyl N-ethyl-o-toluidine; Eurax; Euraxil; N-Crotonyl-N-ethyl-o-toluidine; N-Ethyl-N-(2-methylphenyl)-2-butenamide; N-Ethyl-o-crotonotoluidide; Veteusan

CAS Number

483-63-6

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₃H₁₇NO

Source of Product

N/A

Long Term Storage Conditions

Amber Vial, -20°C Freezer, Under inert atmosphere

Molecular Weight

203.28

Purity

96%

2. Warnings

Light Sensitive

3. Analytical Information

Tests	Specifications	Results
Appearance	Colourless to Light Brown Oil	Clear Colourless to Light Brown Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 76.58, %H: 8.70, %N: 6.81
HPLC Purity	>95%	99.82% (205 nm)
MS	Conforms to Structure	Conforms

Additional Information

TLC Conditions: SiO₂; Hexanes : Ethyl Acetate = 6 : 4; Visualized with UV, AMCS, and KMnO₄; Single Spot, R_f = 0.30.
 Elemental Analysis: (Theoretical) %C: 76.81, %H: 8.43, %N: 6.89

Purity is based on the analytical results of the tests performed. NMR may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date
			1/14/2020	1/12/2024
Eric Beaton Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	My Nguyen Quality Assurance Associate		