

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	09524
Lot Number	000127-1000013103
Product	5-(Aminomethyl)-3(2H)-isoxazolone Muscimol
CAS Number	2763-96-4
Molecular Formula	C ₄ H ₆ N ₂ O ₂
Molecular Weight	114.1

Appearance	Beige powder
Appearance of Solution	Clear colorless solution (50 mg/mL in water)
Melting Point	184 °C
Water Content (Karl Fisher)	6.3%
TLC System	n-butanol/Acetic acid/Water (4/2/2) Ethylacetate/Pyridine/Acetic acid/Water (60/60/12/36) Chloroform/Methanol/Acetic acid 32% (5/3/1) Plate : Silica gel 60 F ₂₅₄ Detected by : UV, Ninhydrin, chlorine-tolidine
Assay	94.5% (Nth 24.55% by elemental analysis)
Purity by TLC	> 99%
Storage	Store at 0 - 8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager