## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM122004-01)

**Release Date:** 24/09/2024 **Re-test Date:** 23/09/2027

# **Metronidazole In House Working Standards**

#### **Identification**

**Chemical Name:** 

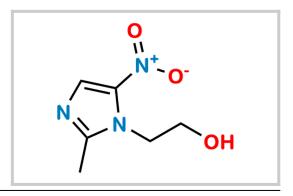
2-(2-Methyl-5-nitro-1H-imidazol-1-yl)ethan-1-ol

**CAT No.** : KMM122004

**CAS No.** : 443-48-1

Molecular Formula : C6H9N3O3

**Molecular Weight** : 171.2



### **Analytical Information**

**Batch No.** : M122004 Solubility : Acetonitrile

Description: Off white solidMass: ConfirmHPLC Purity: NLT 98.1 %IR: ConfirmWeight Loss By TGA: NLT 0.1 %1H NMR: Confirm

**% Potency** : 98 %

#### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition**: Product is stable to be Shipped at Room Temperature % **Potency =**  $[100 - 0.1(Weight Loss By TGA)] \times [98.1(HPLC Purity)]/100 = 98 \%$ 

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		24/09/2024

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA