

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMD021016-01)

**Release Date:** 29/08/2024

**Re-test Date:** 28/08/2027

## **Dantrolene 1-Aminohydantoin HCL**

### **Identification**

**Chemical Name :**

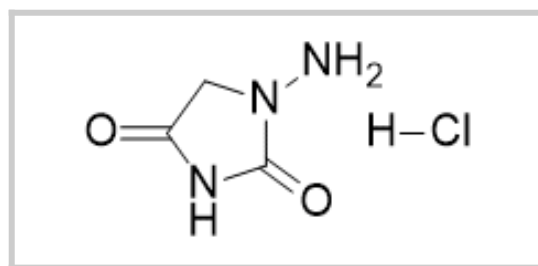
1-aminoimidazolidine-2,4-dione hydrochloride

**CAT No.** : KMD021016

**CAS No.** : 2827-56-7

**Molecular Formula** : C<sub>3</sub>H<sub>5</sub>N<sub>3</sub>O<sub>2</sub> : HCl

**Molecular Weight** : 115.09 : 36.5



### **Analytical Information**

**Batch No.** : DEN-1-AMINO-019-278

**Description** : Off White Solid

**HPLC Purity** : 98.92 %

**Weight Loss By TGA** : 0.18 %

**% Potency** : 98.74 %

**Solubility** : Methanol

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### **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 - 0.18(Weight Loss By TGA)] x [98.92(HPLC Purity)]/100 = 98.74 %

-Batch No. Corrected on 31.08.2024

-Re-tested on 29.08.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		31/08/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA