

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD021016-01)

Release Date: 29/08/2024

Re-test Date: 28/08/2027

## Dantrolene 1-Aminohydantoin HCL

### Identification

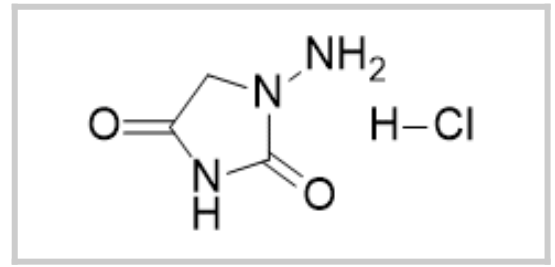
**Chemical Name :**  
1-aminoimidazolidine-2,4-dione hydrochloride

**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
<b>Prepared By</b>	Analytical	Jignesh Patel		31/08/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		31/08/2024

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