

CERTIFICATE OF ANALYSIS

(Certificate No. KMD021016-01)

Release Date: 29/08/2024

Re-test Date: 28/08/2027

Dantrolene 1-Aminohydantoin HCL

Identification

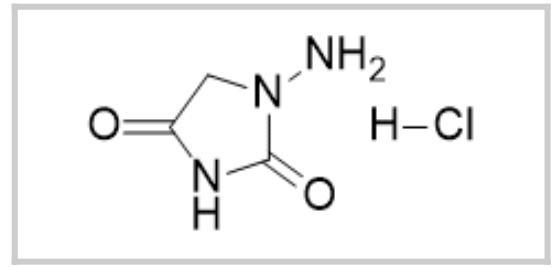
Chemical Name :
1-aminoimidazolidine-2,4-dione hydrochloride

CAT No. : KMD021016

CAS No. : 2827-56-7

Molecular Formula : C₃H₅N₃O₂ : 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

¹H 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, ¹H NMR, IR and TGA