

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD021002-01)

Release Date: 14/08/2024

Re-test Date: 13/08/2027

## Dantrolene Related Compound A

### Identification

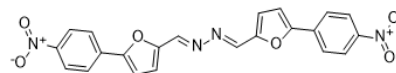
**Chemical Name :**  
1,2-bis((5-(4-nitrophenyl)furan-2-yl)methylene)hydrazine

**CAT No.** : KMD021002

**CAS No.** : 301359-05-7

**Molecular Formula** : C22H14N4O6

**Molecular Weight** : 430.37



### Analytical Information

**Batch No.** : DAN-RCA-073-291

**Description** : Orange Solid

**HPLC Purity** : 99.55 %

**Weight Loss By TGA** : 3.25 %

**% Potency** : 96.31 %

**Solubility** : DMF

**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 - 3.25(Weight Loss By TGA)] x [99.55(HPLC Purity)]/100 = 96.31 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/08/2024

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