## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMD021001-01)

**Release Date:** 12/08/2024 **Re-test Date:** 11/08/2027

# **Dantrolene Related Compound B**

## **Identification**

#### **Chemical Name:**

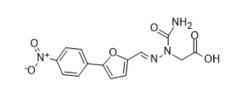
5-(4-nitrophenyl)-2-furaldehyde-(2-carboxymethyl) semicarbazone

**CAT No.** : KMD021001

**CAS No.** : 57268-33-4

**Molecular Formula** : C14H12N4O6

**Molecular Weight** : 332.27



## **Analytical Information**

**Batch No.** : DAN-RCB-073-301 **Solubility** : ACN : Water (1:1)

Description: Yellow SolidMass: ConfirmHPLC Purity: 99.49 %IR: ConfirmWeight Loss By TGA: 1.07 %1H NMR: Confirm

**% Potency** : 98.43 % **13C 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 - 1.07(Weight Loss By TGA)] x [99.49(HPLC Purity)]/100 = 98.43 %

**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, 1HNMR, 13CNMR, IR and TGA