

CERTIFICATE OF ANALYSIS

(Certificate No. KML006009-01)

Release Date: 14/08/2024

Re-test Date: 13/08/2027

1,2-Benzisothiazolin-3-one

Identification

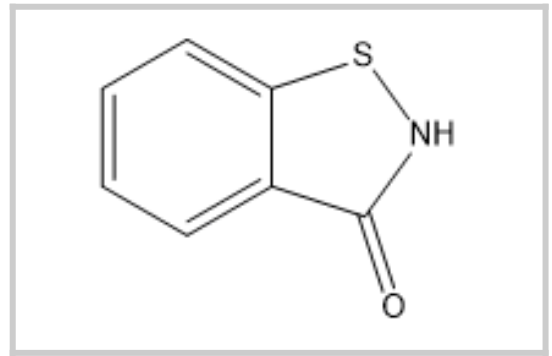
Chemical Name :
benzo[d]isothiazol-3(2H)-one

CAT No. : KML006009

CAS No. : 2634-33-5

Molecular Formula : C7H5NOS

Molecular Weight : 151.19



Analytical Information

Batch No. : BE-ISO-073-331

Description : White Solid

HPLC Purity : 98.50 %

Weight Loss By TGA : 2.82 %

% Potency : 95.72 %

Solubility : ACN

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 = $[100 - 2.82(\text{Weight Loss By TGA})] \times [98.50(\text{HPLC Purity})]/100 = 95.72 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/08/2024
Reviewed & Approved By	Quality Control	Parag Patel		17/08/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA