

Certificate of Analysis

Reference Material & Standard

Product Name:	Isothiazol-3(2H)-one	Catalogue Number:	CCHM704718
Synonyms:	N/A	Lot Number:	0123-RF-0043
CAS Number:	1003-07-2	Expiry Date:	Jan 28, 2028
Molecular Formula:	C ₃ H ₃ NOS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	101.13	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	99.2%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Aproved by General Manager:

David

Date: Jan 29, 2024

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