

Certificate of Analysis

Reference Material & Standard

Product Name: Furfuryl Acetate

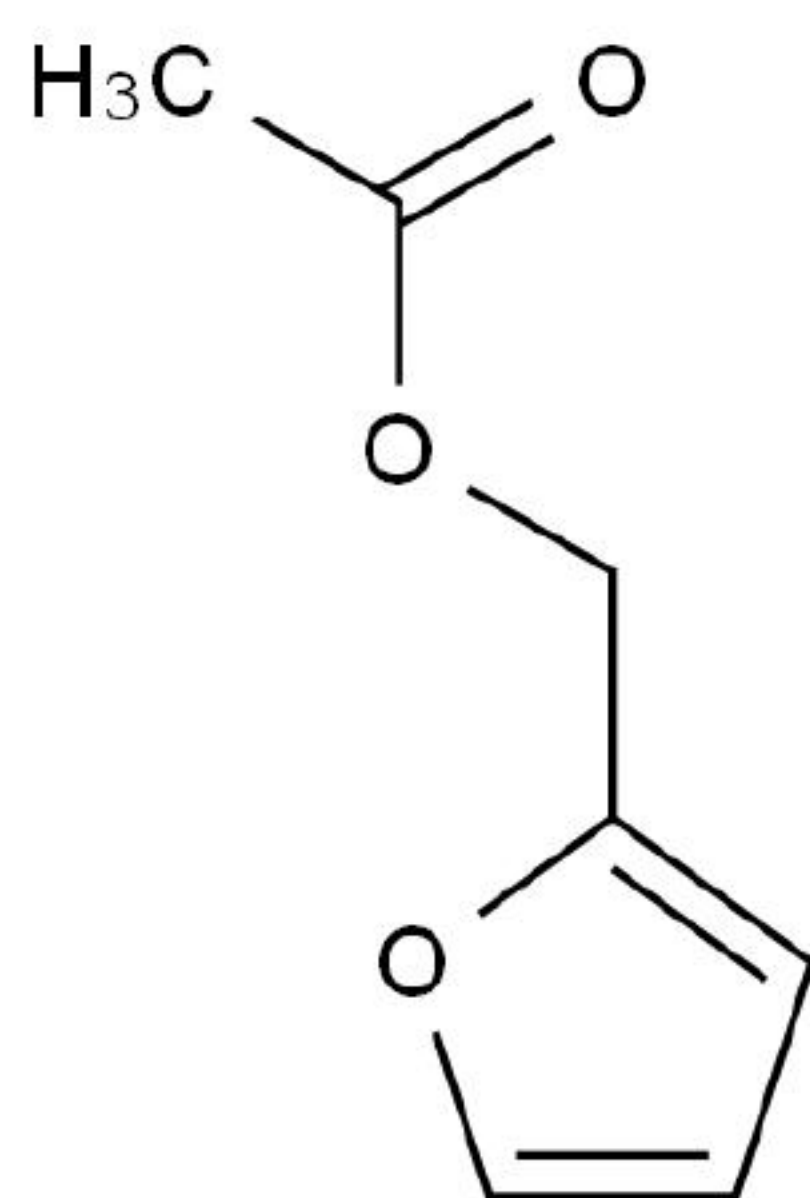
Synonyms: N/A

CAS Number: 623-17-6

Molecular Formula: C₇H₈O₃

Molecular Weight: 140.14

Chemical Structure:



Catalogue Number: CCHM704162

Lot Number: 0905-RE-0016

Expiry Date: Sep 07, 2027

Storage: Room Temp Protected from light and Sealed

Warning:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.867%
Water Content	Karl Fischer	0.2977%
Assay		99.6%
Uncertainty		±2.0%

Comment:

1. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity GC (\%)} / 100\%$

Water Content is considered as absolute effect, GC purity is considered as relative effect.

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:

Lisa

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 08, 2023

Date: Sep 08, 2023

Date: Sep 08, 2023

