



CERTIFICATE OF ANALYSIS

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1. Identification

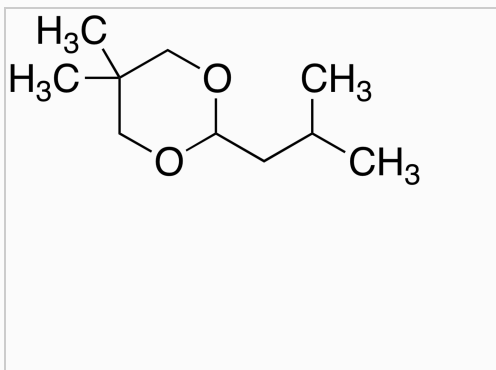
Catalogue Number: I365895

CAS Number: 5455-65-2

Product: 2-Isobutyl-5,5-dimethyl-1,3-dioxane

Synonym: 5,5-Dimethyl-2-(2-methylpropyl)-1,3-dioxane

Structure:



Molecular Formula:

C₁₀H₂₀O₂

Molecular weight:

172.26

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 2-GRK-127-4

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 66.67, %H: 11.79
GCMS	Conforms to Structure	Conforms
GC Purity	Report Result	97.20%

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjeet Kaur	Toni Rantanen	Christina Gouliaras	1/17/2024	1/15/2028