

Certificate of Analysis

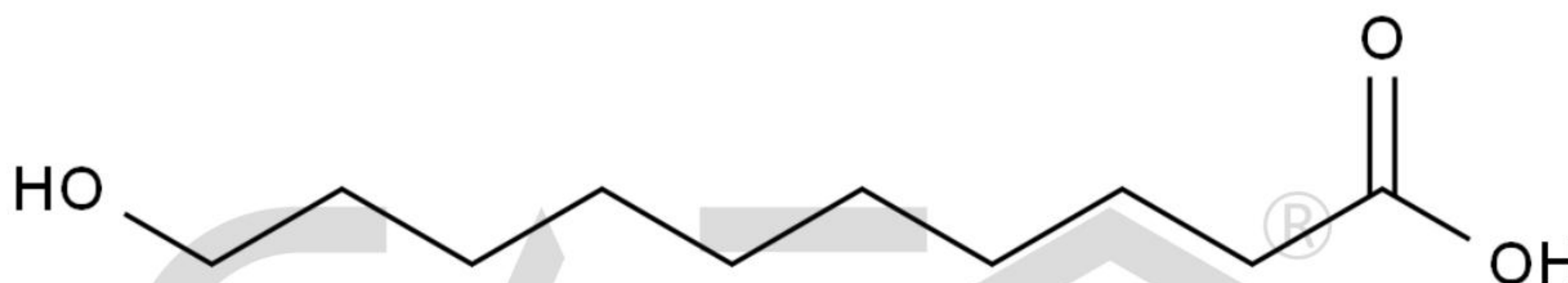
Reference Material & Standard

Product Name:	10-Hydroxydecanoic Acid	Catalogue Number:	CCPE901591
Synonyms:	N/A	Lot Number:	0223-RE-0004
CAS Number:	1679-53-4	Expiry Date:	Feb 27, 2027
Molecular Formula:	C ₁₀ H ₂₀ O ₃	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	188.26	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Loss on Drying	TGA	0.0100%
Assay	qNMR	93.3%
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:

Hinlam

Reviewed by:

Xenia

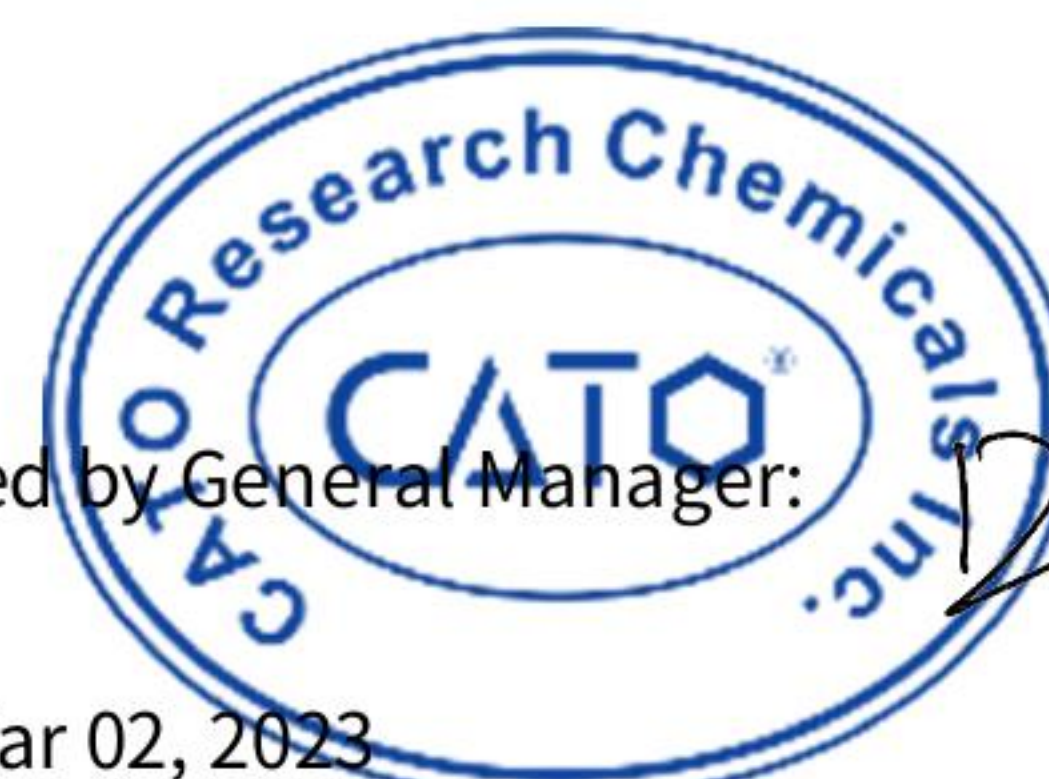
Approved by General Manager:

David

Date: Feb 28, 2023

Date: Mar 02, 2023

Date: Mar 02, 2023



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