

Certificate of Analysis

Reference Material & Standard

Product Name:	Erdosteine Methyl Ester	Catalogue Number:	C4X-19634
Synonyms:	N/A	Lot Number:	1229-RC-0056
CAS Number:	1667709-77-4	Expiry Date:	Dec 15, 2024
Molecular Formula:	C ₉ H ₁₃ NO ₄ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	263.33	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.6114%
Water Content	Karl Fischer	0.2%
Residual Solvents	NMR	Not detected in NMR
Assay		99.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hinlam

Reviewed by:

Cady

Approved by General Manager:

David

Date: Dec 17, 2021

Date: Jan 04, 2022

Date: Jan 04, 2022

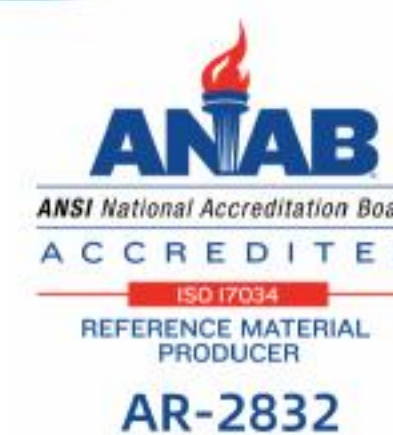
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: https://www.cato-chem.com

Page 1 of 7



Official WeChat