



Certificate of Analysis

Thiophene (as S) and Pyridine (as N) @ 50 mg/L

Product Number: PANAL0222-5

Page: 1 of 1

Lot Number: CS-0261

Lot Issue Date: 19-Jan-2018

Expiration Date: 28-Feb-2021

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
thiophene (as S)	000110-02-1	RM06751	50.1 ± 0.3 mg/L
pyridine (as N)	000110-86-1	RM06905	50.2 ± 0.3 mg/L

Matrix: isooctane (2,2,4-trimethylpentane)

Storage: Store at Room Temperature (15° to 30°C).

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



ISO 9001
Registered
TUV USA, Inc.


John Russo
President


Monica Bourgeois
Director of QA/RA