



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Southwest Spectro-Chem Labs

1009 Louisiana Avenue
South Houston, TX 77587

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 25 October 2024

Certificate Number: L2334



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Southwest Spectro-Chem Labs

1009 Louisiana Avenue
South Houston, TX 77587
Peter Lau 713-944-3694

Peter.Lau@swsclabs.com www.swsclabs.com

TESTING

Valid to: **October 25, 2024**

Certificate Number: **L2334**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Neutralization Number, Acid Color Titration	ASTM D974	Petroleum Product	Titration/Brandt
Color ASTM	ASTM D1500	Any Fluid	Precision Scientific Color Comparator
Flash and Fire Point	ASTM D92	Petroleum Product	Koehler Cleveland Open Cup
Particle Count (Automatic)	ASTM D6786	Petroleum Product	Hiac Optical Particle Counter
Kinematic Viscosity	SWSCL Method P110 (based on ASTM D445)	Petroleum Product	Cannon Ziefuchs Viscometer
Viscosity Index	ASTM D2270	Petroleum Product	Calculation
Water in Petroleum Products by Karl Fischer Titration	SWSCL Method P310 (based on ASTM)	Petroleum Product	Mettler Toledo KF Coulometer
Water Source	SWSCL Method P330-01	Petroleum Product	Calculation
RULER, linear sweep voltammetry	ASTM D6971	Petroleum Product	Fluitec RULER
pH	SM 4500 H+	Aqueous Solutions	Thermo Orion Star
Conductivity	SM 2510	Aqueous Solutions	Thermo Orion Star
Chloride	ASTM D512A	Aqueous Solutions	Titration

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2334.



R. Douglas Leonard Jr., VP, PILR SBU

