

PORTAFOLIO DE SEPARATION SYSTEMS LABINS

LABINS SAS
 NIT 900090654-6
 Tel 57-1-4725717
 Cel 57-3156342765
 labins-sas@outlook.com
 gerencia@labins.com.co
 www.labins.com.co

Product Description	Part,Number	Test Methods Reference
GC Columns		
Packed column for ASTM D3710, D2887, D5307	SD-001	D3710, D2887, D5307
Wide bore (530u) capillary column for ASTM D2887; 10M	SD-002-2	D2887, D5307
Wide bore (530u) column for D2887; 5M	SD-002-5M	D2887
Wide bore (530u) capillary column for ASTM D7213/D2887 for 'Extended' Analysis	SD-002-EX2	D7213, D2887
Wide bore (530u) capillary column for D2887 'High Temp' method; 12M	SD-002-HTB	D2887
Column for D2887 for 'Accelerated' method	SD-002-HTC5	D2887
Column (metal clad) for D7169/D7213	SD-002-HTE2	D6352, D7169, D7213, D7500
Column (metal clad) for high temp simulated distillation; crude oil	SD-002-HTE3	D7169
Wide bore (530u) column for D7096	SD-003	D7096
Ultra-high resolution capillary column for DHA/PIANO analysis; (100M)	SD-009	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Refinery Gas Analyzer Column Set - For Separation Systems RGA system	SS-115-900-300-00	Refinery Gas Analysis (RGA)

Calibration Standards and Reference Materials		
Internal standard for LUBE C10-C12; 25ml	SD-004	LUBE Method
Spiking kit includes C8 to C20 (even) + C40	SD-004-SPK	LUBE Method
Internal Standard for D5307; C14-C17 ; 25ml bottle	SD-005	D5307
Retention time standard for D2887 6 X 1ml ampoules	SD-006	D2887
Response factor standard for D7096/D3710; 6 X 1ml ampoules	SD-007	D7096, D3710
Retention time standard for D7096/D3710; 6 X 1ml ampoules	SD-008	D7096, D3710
Reference Gas Oil Lot #2; 25 ml bottle	SD-016-02	D2887
Reference Gas Oil Lot #2; 5 ml vial	SD-016-05	D2887
5010 reference material; 25ml bottle	SD-020-01C	D7169, D6352, D7500
5010 reference material; 5ml vial	SD-020-02	D7169, D6352, D7500
Gravimetric standard for use in DHA-FID/MS	SD-028MS	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Standard to set valve timing on DHA pre-fractionator	SD-040	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Calibration standard for DHA/PIANO; pack of 6 X 1ml ampoules	SD-053	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Calibration standard for DHA/PIANO; 1ml ampoule	SD-053-005	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Calibration standard (naphtha blend) for DHA/PIANO with oxygenates; 6 X 1ml ampoule	SD-053-010	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Calibration standard (naphtha blend) for DHA/PIANO with oxygenates; 1ml ampoule	SD-053-020	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Calibration standard (naphtha blend with gases) for DHA/PIANO; 1 ml ampoule	SD-053-WG	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Gravimetric standard for DHA; 1 ml ampoule	SD-053-030	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Calibration standard kit consisting of light naphtha, heavy naphtha, alkylate, reformate feed, reformate product, light cracked naphtha and heavy cracked naphtha matrices; 8 X 1 ml ampoules	SD-053-KIT	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Calibration standard for D7096 without ethanol	SD-060-05	D7096
Calibration (curve) standard for D5501; 6 X 1 ml ampoules	SD-ASTM-D5501-01	D5501
"Daily" check standard for D5501; 6 X 1ml ampoules	SD-ASTM-D5501-03	D5501
Standards kit for D5501	SD-ASTM-D5501-05	D5501
Calibration standard for D7096/D3710 (per Marathon Oil protocol)	SD-MAPLLC-010	D3710
Retention time standard for D2887; 10% C12; 6 X 1 ml ampoules	SD-SS3E-01	D2887
Retention time standard for D2887; 1% C12; 6 X 1 ml ampoules	SD-SS3E-02	D2887
Retention time standard; C3-C19 and 2 X C20-C44 in carbon disulfide; 6 X 1 ml ampoules	SD-SS3E-02-2X-WG	D2887
Retention time standard for D2887; 6 X 1 ml ampoules	SD-SS3E-02WG	D2887
Retention time standard for D7213 C12/Polywax 500; 6 X 1ml ampoules	SD-SS3E-03	D7213
Retention time standard for D7169; C5-C18 Polywax 655; 10:1 CS2; 6 X 1ml ampoules	SD-SS3E-05	D7169
Response factor standard for D7169; 6 X 1ml ampoules	SD-SS3E-05Q	D7169
Retention time standard for D6352; C10-26 Polywax 655; 6 X 1 ml ampoules	SD-SS3E-06	D6352
Calibration standard - ASTM D4815	SS-ASTM D-4815	D4815
Calibration standard - ethanol, methyl ether and methyl formate in methanol	SS-TESTMIX108	D5501
Calibration standard - C4 alcohols in methanol	SS-TESTMIX110-01	D5501

Inlet Liners		
Glass inlet liners for SimDis® Inlet; 5/PK	SS-035-00	D2887, D5307, D6352, D7169, D7500

Glass liners for SimDis® Inlet for fast simdis method; 5/PK	SS-035-00.1	D2887, D5307, D6352, D7169, D7500
Glass inlet liner for Separation Systems pre-fractionator (early design)	SD-013B	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Glass inlet liner for Separation Systems pre-fractionating inlet (new design)	SD-013C	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Nuts and Ferrules		
Nut for SimDis® Inlet; 2/PK	SS-032-00	D2887, D3710, D5307, D6352, D7096, D7169, D7500
Ferrules for SimDis® Inlet; 10/PK	SS-030-20	D2887, D3710, D5307, D6352, D7096, D7169, D7500
Ferrules for use with FID for high temperature simulated distillation - Detector side; 10/PK	SS-030-20D	D6352, D7096, D7169, D7500
Ferrules for DHA/PIANO methods for use with S/S capillary inlet; 10/PK	SS-030-35	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Ferrules for DHA/PIANO methods; detector side of column, 10/PK	SS-030-35D	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
High Performance Septa		
Septa for use with SimDis® Inlet inlet; 25/PK	SS-031-00	D2887, D3710, D5307, D6352, D7096, D7169
Septa for use for simulated distillation and PIANO; 25/PK	SS-031-00CONV	D5134, D6729, D6730, D6733, D7900, IP344-88, Fast DHA, DHA Front End
Gas Filters/Traps		
Hydrocarbon trap for carrier gas; 100cc with 1/8" fittings	SS-350-001	All
Oxygen/Hydrocarbon Filter Kit	SS-350-003	All
Oxygen indicating moisture trap (50cc)	SS-350-005	All
Sulfur Trap	SS-350-008	Sulfur Analysis Methods
Miscellaneous		
FID flame jet for high temp simulated distillation	SD-011-01	D6352, D7169, D7213

NOTA: No se traen estadares en disulfuro de carbono (CS2)