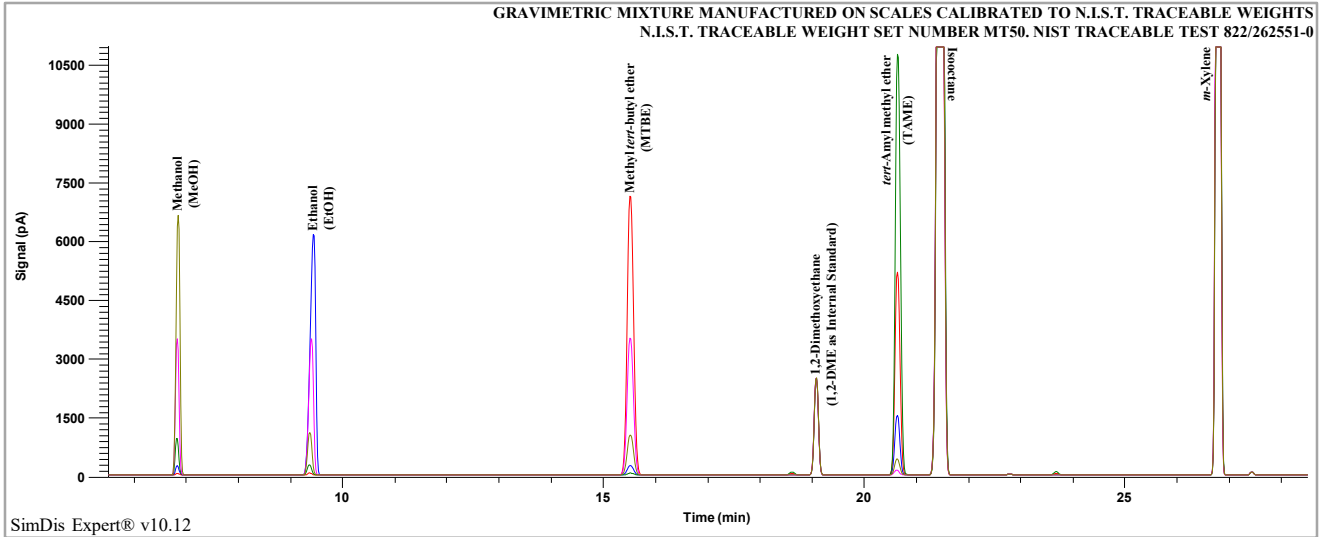


Certificate of Analysis

SD-ASTM-D4815-04 Lot # 072419ES

Part Number: SD-ASTM-D4815-04
Lot Number: 072419ES
Product Description: Calibration standard for ASTM D4815; diluted in isooctane/m-xylene (65:35); levels 1-5

Ampule Contents: ≥ 1 mL
Shelf Life: 60 months
Expiration Date: 07/2024



Column: 60m x 0.32mm x 5.0µm PDMS **Inlet:** S/SL at 200°C with 15:1 split **Carrier:** UHP He at 1.8 mL/min (constant flow)
Oven: 40°C (5 min hold) to 100°C at 5°C/min to 200°C at 10°C/min (5 min final hold) **Detector:** FID at 280°C **Injection Volume:** 0.5 µL

L E V E L	C O M P O N E N T					Total Solution (g)
	MeOH (g)	EtOH (g)	MTBE (g)	TAME (g)	1,2-DME (I.S.) (g)	
SD-ASTM-D4815-04-1 (Level 1) —	0.1503	4.8455	0.1442	0.6169	1.7333	30.9061
SD-ASTM-D4815-04-2 (Level 2) —	0.0273	0.0311	4.4005	2.1479	1.7432	30.4796
SD-ASTM-D4815-04-3 (Level 3) —	0.6313	0.1592	0.0291	4.5829	1.7435	30.6751
SD-ASTM-D4815-04-4 (Level 4) —	2.2372	2.2698	2.1329	0.0292	1.7352	30.7331
SD-ASTM-D4815-04-5 (Level 5) —	4.7588	0.6439	0.6231	0.1509	1.7370	30.7962

Analyst: _____

Separation Systems, Inc.
 Experts in Gas Chromatography

Phone 850-932-1433
 Sales@SeparationSystems.com
 www.SeparationSystems.com