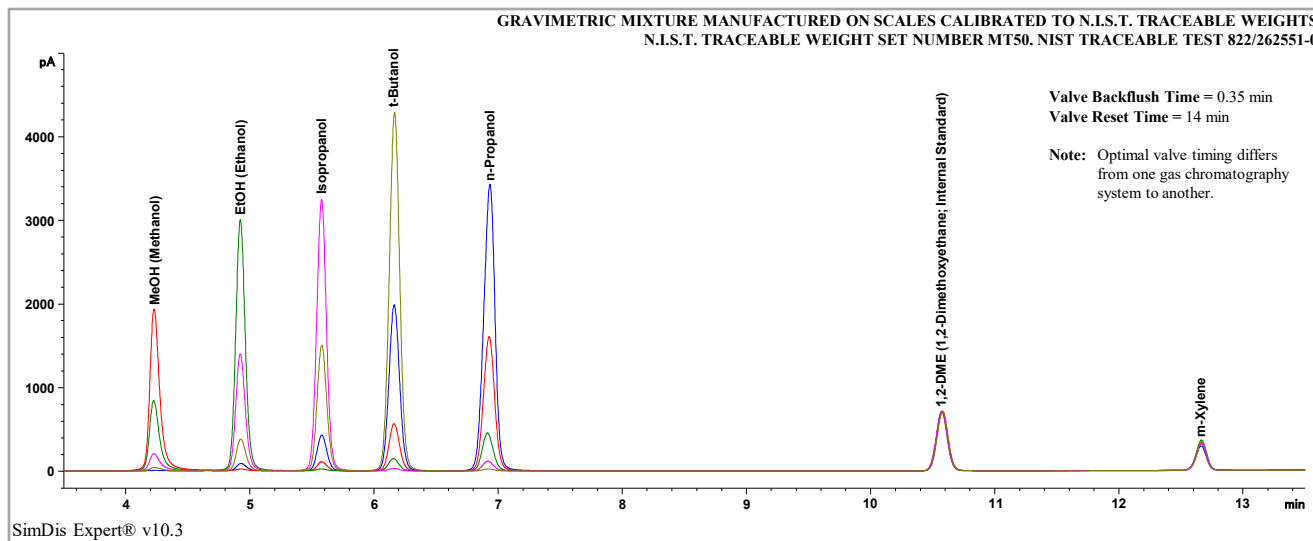


Certificate of Analysis

SD-ASTM-D4815-A Lot # 080217ES

Part Number: SD-ASTM-D4815-A
Lot Number: 080217ES
Product Description: Calibration standard for ASTM D4815;
 diluted in isoctane/m-xylene; levels 1-5

Ampule Contents: ≥ 1 mL
Shelf Life: 60 months
Expiration Date: 08/2022



Column: 30" x 1/16" TCEP (Pre-column) and 30m x 0.53mm x 3.0µm PDMS (Analytical Column) **Inlet:** S/SL at 200°C with 25:1 split
Carrier: UHP He at 5 mL/min (inlet) and 3 mL/min (auxiliary) **Oven:** 40°C (2 min hold) to 60°C at 10°C/min (6 min hold) to 100°C at 15°C/min (8 min hold)
Detector: FID at 250°C **Valve:** 60°C; OFF at 0 min, ON at 0.35 min, OFF at 14 min **Injection Volume:** 2.0 µL

L E V E L	C O M P O N E N T						Total Solution (g)
	MeOH (g)	EtOH (g)	Isopropanol (g)	t-Butanol (g)	n-Propanol (g)	1,2-DME (I.S.) (g)	
SD-ASTM-D4815-A-1 (Level 1)	0.0283	0.1564	0.6307	2.2297	4.8535	1.7559	30.9434
SD-ASTM-D4815-A-2 (Level 2)	4.7956	0.0288	0.1594	0.6322	2.2749	1.7612	30.8268
SD-ASTM-D4815-A-3 (Level 3)	2.2285	4.7699	0.0310	0.1667	0.6460	1.7647	30.9437
SD-ASTM-D4815-A-4 (Level 4)	0.6269	2.2344	4.7477	0.0316	0.1667	1.7645	30.7182
SD-ASTM-D4815-A-5 (Level 5)	0.1575	0.6322	2.2257	4.7562	0.0319	1.7680	30.6907

Analyst: _____

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