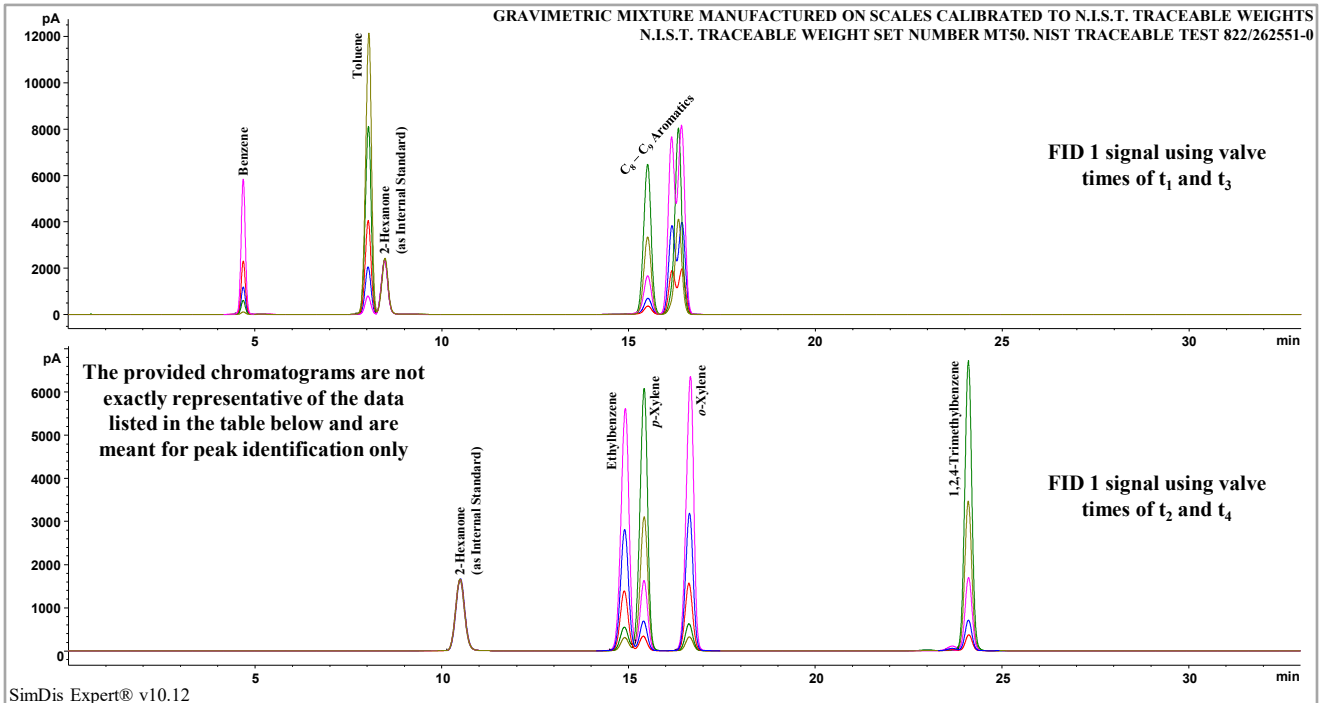


Certificate of Analysis

ASTM-D5580-0-101 Lot # 020619ES

Part Number: ASTM-D5580-0-101
Lot Number: 020619ES
Product Description: Calibration standard for ASTM D5580;
 diluted in isooctane; levels 1-5

Ampule Contents: ≥ 1 mL
Shelf Life: 60 months
Expiration Date: 02/2024



Columns: SD-003 (30m x 0.53mm x 5.0µm) with TCEP pre-column **Inlet:** S/SL at 250°C with 5:1 split **Carrier:** UHP He at 10 mL/min (constant flow)
Oven: 65°C (8 min hold) to 115°C at 2°C/min (0 min final hold) **Detector:** FID at 250°C **Injection Volume:** 1.0 µL

L E V E L	C O M P O N E N T						
	Benzene (wt.%)	Toluene (wt.%)	Ethylbenzene (wt.%)	<i>p</i> -Xylene (wt.%)	<i>o</i> -Xylene (wt.%)	1,2,4-TMB* (wt.%)	2-Hexanone (I.S.) (wt.%)
ASTM-D5580-0-101-1 (Level 1) —	0.24	17.81	0.70	5.78	0.71	5.86	10.93
ASTM-D5580-0-101-2 (Level 2) —	5.93	1.15	11.59	2.97	11.69	3.02	10.80
ASTM-D5580-0-101-3 (Level 3) —	0.70	11.80	1.16	11.47	1.17	11.53	10.80
ASTM-D5580-0-101-4 (Level 4) —	2.42	6.07	3.13	0.72	3.18	0.72	11.31
ASTM-D5580-0-101-5 (Level 5) —	1.23	3.12	6.01	1.19	6.06	1.20	11.26

* 1,2,4-TMB = 1,2,4-Trimethylbenzene

Analyst: _____

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