

Certificate of Analysis

NCD Checkout Sample

Agilent Part Sample Lot

Number: 5190-7002 Number: CR-3564

This analytical reference material was manufactured and verified in accordance with an ISO 9001 registered quality system, and the analyte concentrations were verified by an ISO 17025 accredited laboratory. The certified value for each analyte was determined gravimetrically.

Analyte	CAS#	Analyte Lot	Certified Value
3-methylindole	000083-34-1	RM10122	10.0 ± 0.1 mg/L
9-methylcarbazole	001484-12-4	RM03524	$14.1 \pm 0.1 \text{ mg/L}$
nitrobenzene	000098-95-3	RM11472	$9.52 \pm 0.05 \text{ mg/L}$

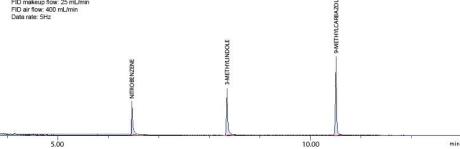
Solvent: isooctane (2,2,4-trimethylpentane)

Calibrated Class A glassware and clean bottles were used in the manufacture of this standard. Balances used in the manufacture of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.

Date of release: 07 August 2017
Date of expiration: 30 September 2018

Representative Chromatogram:

Injection volume: 2µL inlet mode: splitless, purge 50mL/min at 1 min inlet temp: 250°C Column: 122-5532 (DB-5MS 30m x 0.25mm x 0.25µm) Column flow: 4.8 mL/min constant flow Over: 50°C for 3min then 25°C/min to 250°C, hold 2min FID temp: 320°C FID 12 flow: 40 mL/min FID makeup flow: 25 mL/min FID makeup flow: 25 mL/min FID art flow 40 mL/min Data rate: SHz



John Russo President Monica Bourgeois Director of QA/RA