CERTIFICATE OF ANALYSIS

Agilent Product Name: Bondesil-C18, 40um, 100gm
Agilent Part Number: 12213012
FG Lot Number: 6668092-03
Media Lot Number: 0006668092

Raw Materials

Base Silica Physical Properties

Properties	Specifications	Results	Methods
Specific Surface Area (m^2/g)	480-540	497	N2 BET
Average Particle Size (µm)	47-60	59	Malvern 100
Average Pore Diameter (Å)	60-87	60	N2 BET
Particle Size Distribution (%)	≤20µm ≤31µm ≥80µm ≤12 ≤20 ≤25	≤20µm ≤31µm ≥80µm 7 11 20	Malvern 100

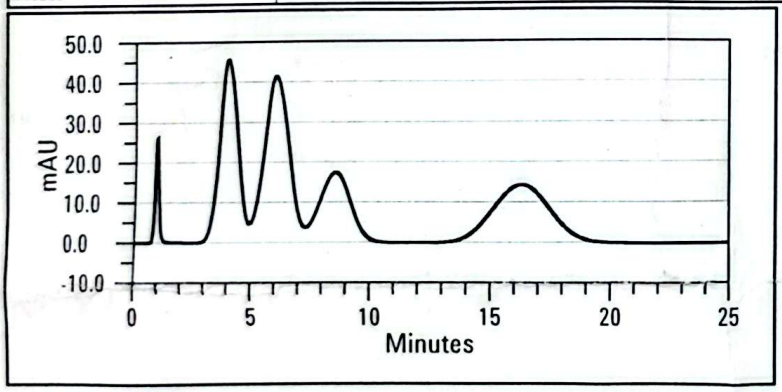
Product Specifications/Analysis

Bonded Silica Properties: BOND SI 40UM C18 TOLUENE

Properties	Specifications	Results	Methods
Carbon Loading (%C)	17.0-19.0	17.5	CHNO-S Analysis
Hydrogen Loading (%H)	2.0-5.0	3.3	CHNO-S Analysis
Surface Coverage (µmol/m^2)	1.94-2.54	2.11	Calculated based on %C
Turbidity (NTU)	≤10.0	0.7	Turbidity meter
Washable Residue (mg/g)	≤2.0	2.0	Methanol and Hexane gravimetric
Bed Mass Consistency	Proprietary	Pass	Weight Measurement
Flow Characteristics	Proprietary	Pass	Methanol in low vacuum (1" Hg)

HPLC Test Conditions

Column Dimension	100 x 4.6 mm
Flow	1mL/min
Detector	UV@254 nm
Mobile Phase	Methanol:Water (60:40)
Temperature (°C)	25-30° C
Probes	Uracil, Acetophenone, Nitrobenzene, Benzene, Toluene



Release Date: 23-Sep-2022 Manufacture Date: 23-Sep-2022 Quality Control Technician: Aaron Evans

SDS are available at: https://www.agilent.com/en-us/library/safetydatasheets

All of the manufacturing and testing processes used in the preparation and evaluation of this product are in accordance with an ISO 9001 regulated Quality Management System.

Agilent Technologies, Inc. Folsom, CA 95630, Tel. 800-227-9770 Ext.3, Fax 916-985-1101, www.agilent.com

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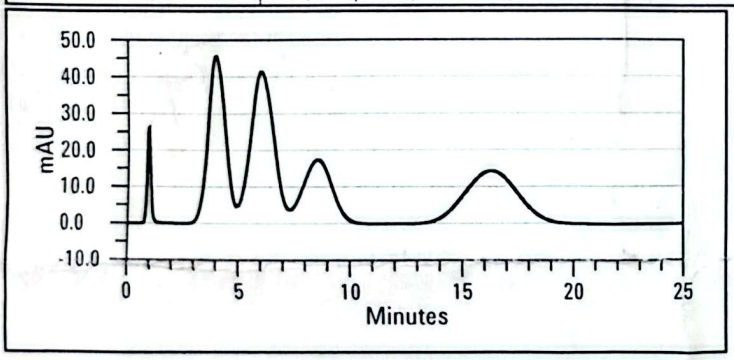
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