Product Specification Sheet by ChraWork a Gimium™ Ecosystem

2019006133

		CERTIFICATE OF ANAL **QUALITY CONTROL PERFORMA**
PRODUCT INFORMATION SERIAL NUMBER : 2019006133 PART NUMBER : S8034-034360 PRODUCT TYPE : ChraSep SPE Columns ODS-IC 500mg/3ml, 50/pk LOT : 639753201		spe1.pn
RAW MATERIALS		
Component Properties		
Properties	Specifications	Results
Tube Purity	Proprietary	Pass
Frit Purity	Proprietary	Pass
Base Silica Physical Properties		
Properties	Specifications	Results
Surface Area (m^2/g)	450-550	535
Particle Size (µm)	45-60	46
Pore Diameter (Å)	60-90	
Particle Size Distribution (%)	≤20µm ≤ 35µm ≥80µm	≤20µm
	≤ 11 ≤18 ≤15	≤ 8 ≤15
PRODUCT SPECIFICATION/ANALYSIS		
Bonded Silica Properties		
Properties	Specifications	Results

Carbon Loading (%C)	17.0-20.0	19.5
Hydrogen Loading(%H)	1.5-6.0	3.95
Surface Coverage (µmol/m^2)	1.90-2.50	2.05
Turbidity (NTU)	≤10.0	0.55
Washable Residue (mg/g)	≤2.0	0.2
Bed Mass Consistency	Proprietary	Pass
Flow Characteristics	Proprietary	Pass
HPLC Test Conditions		
Column Dimension	100 x 4.6 mm	
Flow	1 mL/min	
Detector	UV@254 nm	
Mobile Phase	Methanol:Water (60:40)	
Temperature	25-35 ^oC	
Probes	Uracil, Acetophenone, Nitrobenzene, Benzene, Toluer	
	MATERIAL SAFETY DATA SHEETS ARE AVA	
ChraReport at https://chracert.com/2019006133		

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