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OPERATING CONDITIONS and SPECIFICATIONS

TEKaal R Die Assist C2SW/VI Dreducto

TSKgel [®] BioAssist G3SWx∟ Products					
Part Numbers:		0020026	7.8 mm ID x 30.0 cm L	PEEK	5 μm
This sheet contains the recommended operating conditions and the specifications for TSKgel BioAssist G3 SWxL columns. Installation instructions and column care information are described in a separate Instruction Manual.					
A. OPERATING CONDITIONS					
1.	Shipping Solvent:	0.05%	$6~\text{NaN}_3$ and 0.1 M Na_2SO_4 in 0.1 M phosphate buffer, pH 6.7		
2.	Max.Flow Rate:	1.2	mL/min		
	NOTE:		When a buffer with high vis reduced so as not to excee use a flow rate equal to 25°	d the maximum p	e maximum flow rate may have to be oressure drop. When changing solvents, m flow rate.
3.	Standard Flow Rate:	0.5 - 1.0	mL/min		
4.	Max. Pressure:	7.0	МРа		
5.	pH Range:	2.5 - 7.5			
6.	Salt Conc.:	\leq 0.5 Molar			
7.	Organic Conc.:	0 - 100%	for aqueous soluble organic gradient at low flow rate.	c solvents. Make	gradual solvent changes using a shallow
8.	Temperature:	10 – 30 °	Reduce flow rate when ope	erating below 10°	С.
9. Cleaning Solvents:		 conc. salt solution at low pH, e.g. 0.5 M Na₂SO₄, pH 2.7 methanol or acetonitrile in low conc. aqueous buffer buffered solution of SDS, urea or guanidine 			
	NOTE:			hydrophobic pro	e properties, e.g. use (1) to remove basic teins. Chaotrophic agents can solvate en bonding.
10.	Storage:			ay. For overnight	g 0.05% NaN₃ or 20% ethanol when it storage flush the column with mobile ering the column!
11.	Column Protection:		is recommended to prolong depends greatly on sample	the life of the ar cleanliness. As sample injections	st SWxL Guard Column P/N 18008) halytical column. Guard column life a general rule, guard columns should be s, when the peaks become excessively
12.	Top-Off:		Occasionally, due to accide depression can develop at Use SWxL Top-Off (P/N 08	the column or gu	
		The performance of TSKgel BioAssist G3SWxL columns is tested under the conditions described in the Data Sheet. All columns have passed the following quality control specifications			
Number of Theoretical Plates (N):		≥ 20,000			
A	symmetry Factor (AF):	0.7 - 1.6			