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OPERATING CONDITIONS and SPECIFICATIONS

TSK-GEL® ODS-140HTP Products

Part Numbers:	21927	2.1 mm ID x 5.0 cm L	TSKgel ODS-140HTP	2.3 µm
	21928	2.1 mm ID x 10.0 cm L	TSKgel ODS-140HTP	2.3 µm

This sheet contains the recommended operating conditions and the specifications for TSK-GEL ODS-140HTP columns. Installation instructions and column care information are described in a separate Instruction Manual.

A. OPERATING CONDITIONS

1. Shipping Solvent: Acetonitrile
2. Max. Pressure: 600 kg/cm² = 9000 psi
3. pH Range: 2.0 - 7.5
4. Salt Conc.: No limitation
5. Organic Conc.: No limitation
6. Temperature: 10 - 50°C Reduce flow rate when operating below 10°C.
7. Cleaning Solvents:
 - (1) High conc. solvent containing organic modifiers*
 - (2) Mixture of organic acids and high conc. organic modifiers*

*Acetonitrile and methanol are recommended as a modifier.
8. Storage: Store the column in the shipping solvent if it will not be used within three days. Prevent air from entering the column. For overnight storage flush at 0.1 ml/min.

B. SPECIFICATIONS

The performance of TSK-GEL Super-ODS 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):	≥	7,000	2.1 mm ID x 5.0 cm L
	≥	14,000	2.1 mm ID x 10.0 cm L
Asymmetry Factor (AF):		0.9 - 1.3	