

## PRODUCT DATA SHEET

# Praesto® Jetted (dT)18- DVB

Styrene/DVB Cross-linked Affinity  
Resin

Praesto Jetted (dT)18-DVB Affinity Resin is the first generation of Purolites Jetted divinylbenzene products specifically designed to purify mRNA from in-vitro transcription (IVT) manufacturing processes. The resin selectively purifies polyadenylated mRNA and offers flexibility in simple buffer systems and versatility in scaleup.

The 18-nucleotide length deoxythymidine ligand offers high selectivity and recovery of mRNA. Purolites patented jetting technology gives a rigid bead with a uniform particle size distribution resulting in superior flow properties compared to batch emulsified alternatives.

## PRINCIPAL APPLICATIONS

- mRNA purification

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Functional Group	Poly (dT)18mer with proprietary linker
Particle Size - $\mu\text{m}$	50
Dynamic Binding Capacity	2 mg/ml PolyA
Binding Conditions	0.25M – 1M Salt, common buffers
Maximum Flow Capacity	Up to 400 cm/hr at 2 bar
Storage	20% Ethanol





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#### Americas

Purolite Corporation  
2201 Renaissance Blvd.  
King of Prussia, PA 19406  
T +1 800 343 1500  
T +1 610 668 9090  
F +1 800 260 1065  
americas@purolite.com

#### EMEA

Purolite Ltd.  
Unit D  
Llantrisant Business Park  
Llantrisant, Wales, UK  
CF72 8LF  
T +44 1443 229334  
F +44 1443 227073  
emea@purolite.com

#### FSU

Purolite Ltd.  
Office 6-1  
36 Lyusinovskaya Str.  
Moscow, Russia  
115093  
T +7 495 363 5056  
F +7 495 564 8121  
fsu@purolite.com

#### Asia Pacific

Purolite China Co. Ltd.  
Room 707, C Section  
Huanglong Century Plaza  
No.3 Hangda Road  
Hangzhou, Zhejiang, China 310007  
T +86 571 876 31382  
F +86 571 876 31385  
asiapacific@purolite.com

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