



## SiliaBond<sup>®</sup> Metal Scavengers Selection Table

When selecting a metal scavenger, every component present must be considered; metal complex, solvent used, residual reagents, by-products, structure of the API (or molecule of interest), and temperature have their importance. SiliCycle<sup>®</sup> have created the selection table shown below to help you select the more efficient scavenger for a specific metal, however we highly recommend to screen various **SiliaBond Metal Scavengers** with your solution since some parameters may affect the efficiency of the scavenging.

Metal Scavenger Selection Table

Scavenger	Ag	Cd	Cr	Co	Cu	Fe	Hg	Ni	Pb	Pd (II)	Pd (0)	Pt	Rh (I)	Rh (II)	Rh (III)	Ru (II)	Ru (IV)	Sn	V	Zn
Si - Amine		■	■	■	■		■		■	■		■	■	■						■
Si - Diamine		■	■	■	■	■	■	■	■	■	■	■	■	■		■	■			■
Si - TAAcOH						■		■		■	■		■	■				■		
Si - TAAcONa			■	■	■	■		■		■	■		■	■	■	■	■	■		■
Si - TBD			■	■		■				■										
Si - Thiol	■				■		■		■	■	■		■	■	■		■	■		
Si - Thiourea	■						■			■	■		■	■	■			■		■
Si - Triamine			■	■	■	■		■	■	■	■	■								■

■ Preferred scavengers      ■ Scavenges      ■ Reported in the literature or by customers

