



TECHNICAL DATA SHEET(TDS)

Mercury Metal Quadruple Distilled 99.9995% ACS Grade

Product Specifications (CAS# 7439-97-6)

Test	Specification	Typical Results
Li	</= 0.001 ppm wt	</= 0.001 ppm wt
Be	</= 0.001 ppm wt	</= 0.001 ppm wt
Mg	</= 0.001 ppm wt	</= 0.001 ppm wt
Al	</= 0.001 ppm wt	</= 0.001 ppm wt
P	</= 0.001 ppm wt	</= 0.001 ppm wt
S	</= 0.001 ppm wt	</= 0.001 ppm wt
Sc	</= 0.001 ppm wt	</= 0.001 ppm wt
Ti	</= 0.001 ppm wt	</= 0.001 ppm wt
Mn	</= 0.001 ppm wt	</= 0.001 ppm wt
Co	</= 0.001 ppm wt	</= 0.001 ppm wt
Ga	</= 0.001 ppm wt	</= 0.001 ppm wt
As	</= 0.001 ppm wt	</= 0.001 ppm wt
Rb	</= 0.001 ppm wt	</= 0.001 ppm wt
Sr	</= 0.001 ppm wt	</= 0.001 ppm wt
Y	</= 0.001 ppm wt	</= 0.001 ppm wt
Zr	</= 0.001 ppm wt	</= 0.001 ppm wt
I	</= 0.001 ppm wt	</= 0.001 ppm wt
Ag	</= 0.001 ppm wt	</= 0.001 ppm wt
Cs	</= 0.001 ppm wt	</= 0.001 ppm wt
Ba	</= 0.001 ppm wt	</= 0.001 ppm wt
La	</= 0.001 ppm wt	</= 0.001 ppm wt
Ce	</= 0.001 ppm wt	</= 0.001 ppm wt
Pr	</= 0.001 ppm wt	</= 0.001 ppm wt
Nd	</= 0.001 ppm wt	</= 0.001 ppm wt
Sm	</= 0.001 ppm wt	</= 0.001 ppm wt

Test	Specification	Typical Results
Eu	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Gd	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Tb	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Dy	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Ho	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Er	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Tm	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Yb	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Lu	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Re	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Os	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Ir	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
Th	$\leq 0.001\text{ ppm wt}$	$\leq 0.001\text{ ppm wt}$
B	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
F	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Na	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
K	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Ca	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
V	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Cr	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Fe	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Ni	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Cu	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Zn	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Ge	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Br	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Mo	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Ru	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Rh	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$
Pd	$\leq 0.005\text{ ppm wt}$	$\leq 0.005\text{ ppm wt}$

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Test	Specification	Typical Results
I	$\leq 0.005 \text{ ppm wt}$	$\leq 0.005 \text{ ppm wt}$
Sb	$\leq 0.005 \text{ ppm wt}$	$\leq 0.005 \text{ ppm wt}$
W	$\leq 0.005 \text{ ppm wt}$	$\leq 0.005 \text{ ppm wt}$
Pt	$\leq 0.005 \text{ ppm wt}$	$\leq 0.005 \text{ ppm wt}$
Pb	$\leq 0.005 \text{ ppm wt}$	$\leq 0.005 \text{ ppm wt}$
Si	$\leq 0.01 \text{ ppm wt}$	$\leq 0.01 \text{ ppm wt}$
Cl	$\leq 0.01 \text{ ppm wt}$	$\leq 0.01 \text{ ppm wt}$
Se	$\leq 0.01 \text{ ppm wt}$	$\leq 0.01 \text{ ppm wt}$
Cd	$\leq 0.01 \text{ ppm wt}$	$\leq 0.01 \text{ ppm wt}$
Sn	$\leq 0.01 \text{ ppm wt}$	$\leq 0.01 \text{ ppm wt}$
Te	$\leq 0.01 \text{ ppm wt}$	$\leq 0.01 \text{ ppm wt}$
U	$\leq 0.01 \text{ ppm wt}$	$\leq 0.01 \text{ ppm wt}$
Ta	$\leq 1 \text{ ppm wt}$	$\leq 1 \text{ ppm wt}$
Au	$\leq 0.5 \text{ ppm wt}$	$\leq 0.5 \text{ ppm wt}$
Tl	$\leq 0.5 \text{ ppm wt}$	$\leq 0.5 \text{ ppm wt}$
Purity	Min 99.9995%	>99.9995

Appropriate/legal use of this product is the responsibility of the user.

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