

FIELD NAME ON EXCEL FILE	FIELD DEFINITION
Particle sample	Thermal spray coating consumable wire
Filter #	Sample number
Metal	Specific metal that was measured
Weight %	Percentage by weight of each metal measured on a filter sample
Zn	Zinc
Ni	Nickel
Fe	Iron
Al	Aluminum
Cr	Chromium
Mo	Molybdenum
Mn	Manganese
Cu	Copper
PMET540	Zn-based thermal spray coating consumable wire
PMET885	Ni- based thermal spray coating consumable wire
PMET876	Ni-based thermal spray coating consumable wire
PMET731	Cr-based thermal spray coating consumable wire
PMET720-60	Cr-based thermal spray coating consumable wire at 60 psi
PMET720-50	Cr-based thermal spray coating consumable wire at 50 psi
Animal #	Identifier assigned to the rat from which the data was derived
Exposure	Type of exposure
Time	Days post-exposure
LDH	Lactate dehydrogenase (U/L)
Total BAL cells	Number of total lung cells recovered by bronchoalveolar lavage
BAL Macrophages	Number of alveolar macrophages recovered by bronchoalveolar lavage
BAL PMNs	Number of polymorphonuclear leukocytes recovered by bronchoalveolar lavage
Air	Control group exposed only to filtered air
TSC	Exposure group exposed to thermal spray coating aerosol
PMET720	Cr-based thermal spray coating consumable wire
Filter ID	Micro-Orifice Uniform Deposit Impactor (Moudi) stage filter identification
Filter conc	Moudi filter for particle size measurement - concentration (mg/m ³)
Electrical low-pressure impactor (ELPI) stage #	ELPI stage number- measures particle number and size in the air
Particle Number/stage (1/cm ³)	Particle number/stage (dN/dlogDp [1/cm ³])