

Table 1. Sample Analysis; all impurities are in ppm by weight.

Sample	Source	Purity (wt%)	O	N	H	C	Fe	Ni	Mg	Si	Mn	Mo	Ta	Cr	Ti
V2	Materials Research Corporation	>99.97	100	30	0.7	65	20	<10	<5	25	--	15	--	--	--
V3	Ames, Iowa	>99.9	345	35	10	150	330	40	<20	<40	<20	--	--	<80	45
V4	U. S. Bureau of Mines	>99.8	830	30	--	--	900	--	--	--	--	--	--	30	--
Nb2	Wah Chang Corporation	>99.9	<50	46	3.8	30	<100	<20	<20	<100	<20	<20	<500	<20	--
Nb3	Materials Research Corporation	>99.99	10	10	--	8	<10	--	--	<5	--	20	20	<10	--