

ID	1A	1B	2A	2B
<b>Purification</b>	<b>Alkaline</b>	<b>Alkaline</b>	<b>Alkaline</b>	<b>Alkaline</b>
<b>Part</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>
<b>Acid</b>	HCL	HCL	HCL	HCL
<b>Temperature</b>	250°C	250°C	250°C	250°C
<b>heated</b>	no	no	<b>yes*</b>	<b>yes*</b>
<b>Test ID</b>	CB HCL RV361 T1	CB HCL RV 361 T2	CB HCL RV360T1 heated	CB HCL RV360T2 heated
<b>Feed Material</b>	Vero6 Cl.7 Conc A	product from 1A	Vero6 Cl.7 Conc A	product from 2A
<b>Results</b>				
<b>Tabl-ID</b>	T#286	T#293	T#285	T#294
<b>S#/L#</b>	S#4127	S#4171	S#4126	S#4170
<b>LOI-%</b>	<b>97.65</b>	<b>99.96</b>	<b>97.77</b>	<b>99.99</b>
<b>Al</b>	2858	47	1802	53
<b>Ca</b>	93	18	93	15
<b>Cu</b>	16		10	
<b>Fe</b>	1406	28	7847	29
<b>K</b>	1549	3	789	3
<b>Mg</b>	549	3	471	4
<b>Mo</b>	116	8	99	10
<b>Na</b>	112	28	69	28
<b>S</b>	1113	261	424	248
<b>Si</b>	3646	69	2234	83
<b>Ti</b>	51	3	74	4
<b>Zn</b>		1	10	1
<b>Zr</b>	30	4	28	4
<b>Ni</b>	22		29	
<b>P</b>				
<b>V</b>	21.2		20.2	

\*\*heated: material was heated before purification [2h@300° + 1h@400°C]

Table above: Results of Alkaline Purification I – Trials 1A/1B (NaOH/HCl, unheated), and 2A/2B (NaOH/HCl, heated); impurity levels in ppm