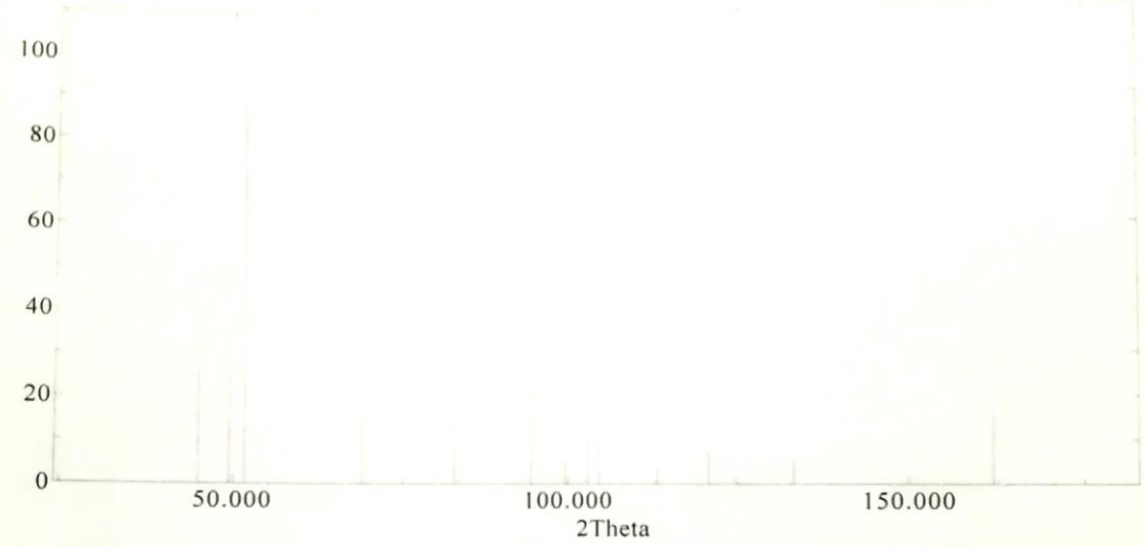
Card No. : 06-0663 Quality : *

File Name :Inorganic
Formula :Ru
Name :Ruthenium, syn
Elements :Ru
System :Hexagonal

a:2.706 b:2.706 c:4.282
Alpha:90.000 Beta:90.000 Gamma:120.000
Lambda:1.78892 Target:

Relative intensity

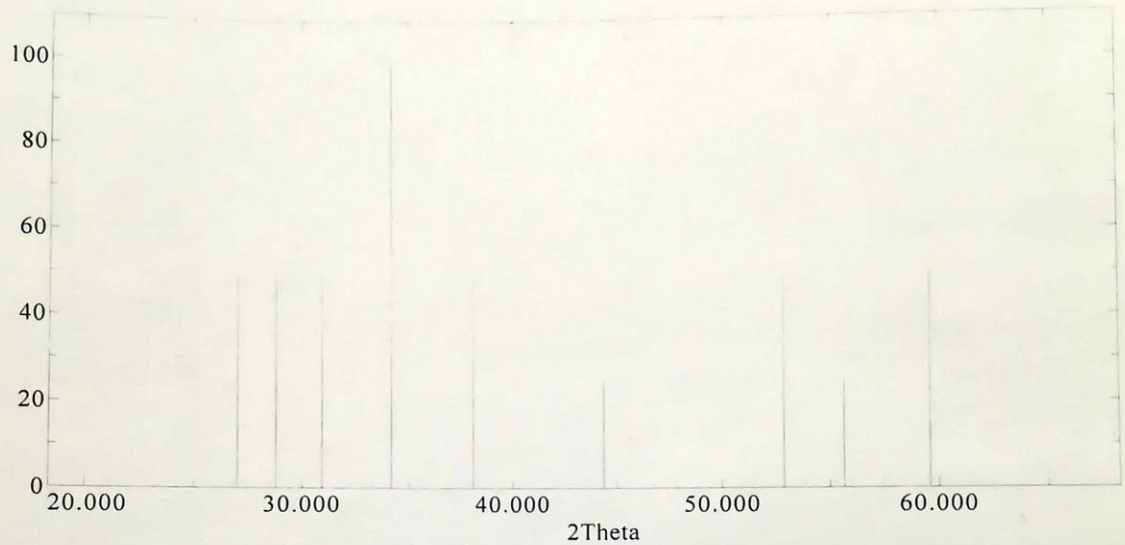


No.	2Theta	d-Value	Intensity	h	k	l	No.	2Theta	d-Value	Intensity	h	k	l
1	44.885	2.343	40	1	0	0							
2	49.364	2.142	35	0	0	2							
3	51.577	2.056	100	1	0	1							
4	68.920	1.581	25	1	0	2							
5	82.767	1.353	25	1	1	0							
6	94.416	1.219	25	1	0	3							
7	99.550	1.171	6	2	0	0							
8	102.940	1.143	25	1	1	2							
9	104.676	1.130	20	2	0	1							
10	113.347	1.071	4	0	0	4							
11	120.979	1.028	8	2	0	2							
12	133.423	0.974	6	1	0	4							
13	162.008	0.906	16	2	0	3							
14	-	0.886	6	2	1	0							
15	-	0.867	25	2	1	1							
16	-	0.840	18	1	1	4							
17	-	0.818	10	2	1	2							
18	-	0.804	16	1	0	5							

Card No. : 01-1082 Quality : O

File Name :Inorganic
Formula :Co Cr O4
Name :Cobalt ChromiumOxide
Elements :Co Cr O
System :Orthorhombic
a:6.210 b:8.280 c:5.510
Alpha:90.000 Beta:90.000 Gamma:90.000
Lambda:1.54050 Target:Cu

Relative intensity



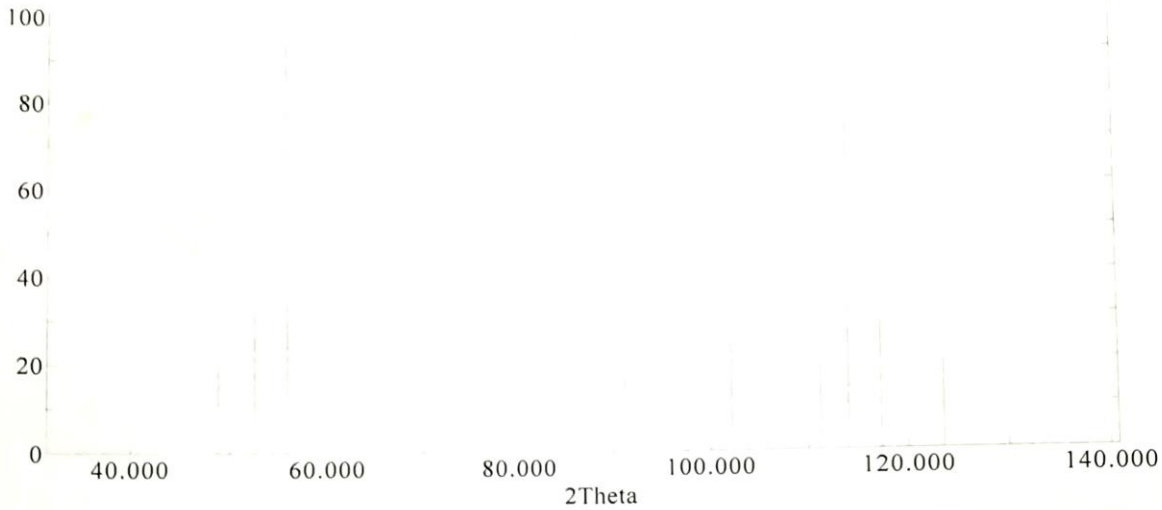
No.	2Theta	d-Value	Intensity	h	k	l	No.	2Theta	d-Value	Intensity	h	k	l
1	26.996	3.300	50	0	2	1							
2	28.774	3.100	50	2	0	0							
3	30.915	2.890	50	2	1	0							
4	34.194	2.620	100	0	1	2							
5	38.098	2.360	50	1	1	2							
6	44.367	2.040	25	2	0	2							
7	52.876	1.730	50	1	1	3							
8	55.656	1.650	25	2	3	2							
9	59.595	1.550	50	4	0	0							

Card No. : 05-0727 Quality :

File Name :Inorganic
Formula :Co
Name :Cobalt
Elements :Co
System :Hexagonal

a:2.503 b:2.503 c:4.061
Alpha:90.000 Beta:90.000 Gamma:120.000
Lambda:1.78892 Target:Co

Relative intensity



No.	2Theta	d-Value	Intensity	h	k	l	No.	2Theta	d-Value	Intensity	h	k	l
1	48.805	2.165	20	1	0	0							
2	52.482	2.023	60	0	0	2							
3	55.848	1.910	100	1	0	1							
4	74.366	1.480	1	1	0	2							
5	91.192	1.252	80	1	1	0							
6	102.241	1.149	80	1	0	3							
7	111.284	1.084	20	2	0	0							
8	114.086	1.066	80	1	1	2							
9	117.367	1.047	60	2	0	1							
10	123.585	1.015	20	0	0	4							