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Supporting information

More than ten percent ionization efficiency for Tc measurement by negative thermal ionization mass spectrometry

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31 **Table S1.** Ionization efficiencies of Tc on Pt filament with different activators.

Samople No.	Loaded Tc amount (ng)	Activator	Ionization efficiency (%)
1	0.6	Ba(OH) ₂	12
2	0.6	Ba(OH) ₂	10.3
3	1.2	Ba(OH) ₂	16.7
4	1.2	Ba(OH) ₂	11.4
5	1.2	Ba(OH) ₂	10.2
6	1.2	Ba(OH) ₂	10.9
7	1.2	Ba(OH) ₂	11.5
8	1.2	Ba(OH) ₂	9.2
9	1.2	Ba(OH) ₂	8.4
10	1.2	Ba(OH) ₂	9.7
11	6	Ba(OH) ₂	14.7
12	6	Ba(OH) ₂	10.5
13	9.6	Ba(OH) ₂	14.2
14	1.2	None	0.4
15	1.2	Ba(NO ₃) ₂	5.4
16	1.2	Ba(NO ₃) ₂	2.9
17	1.2	Ba(NO ₃) ₂ +MgCl ₂	2.3
18	1.2	Ba(NO ₃) ₂ +Ba(OH) ₂	9.6
19	1.2	Ba(NO ₃) ₂ +Ba(OH) ₂	10.3
20	1.2	Ca(NO ₃) ₂	3.9
21	1.2	Ca(NO ₃) ₂ +Ba(OH) ₂	1.2