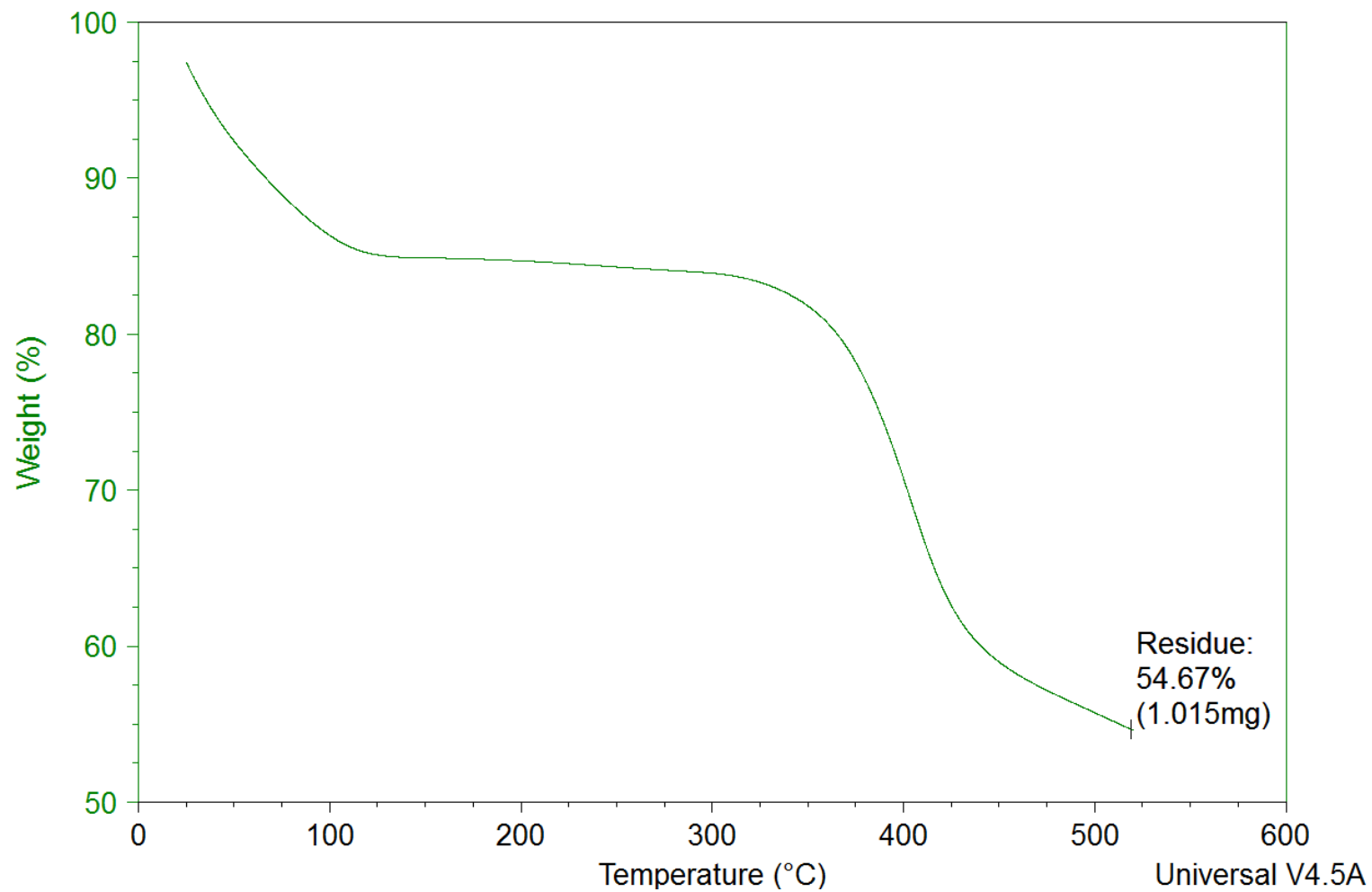
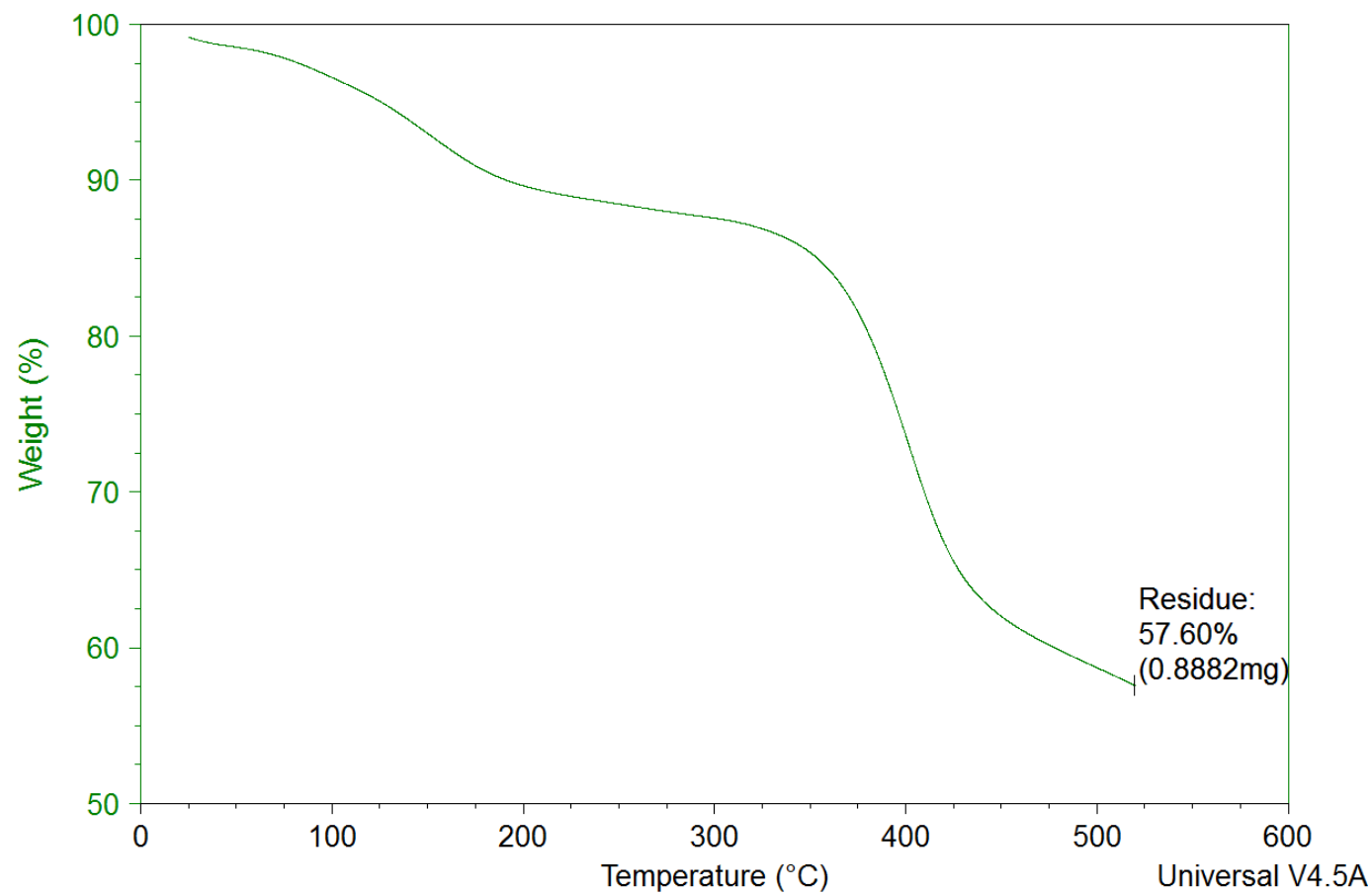


#### 4. Thermogravimetric Analysis

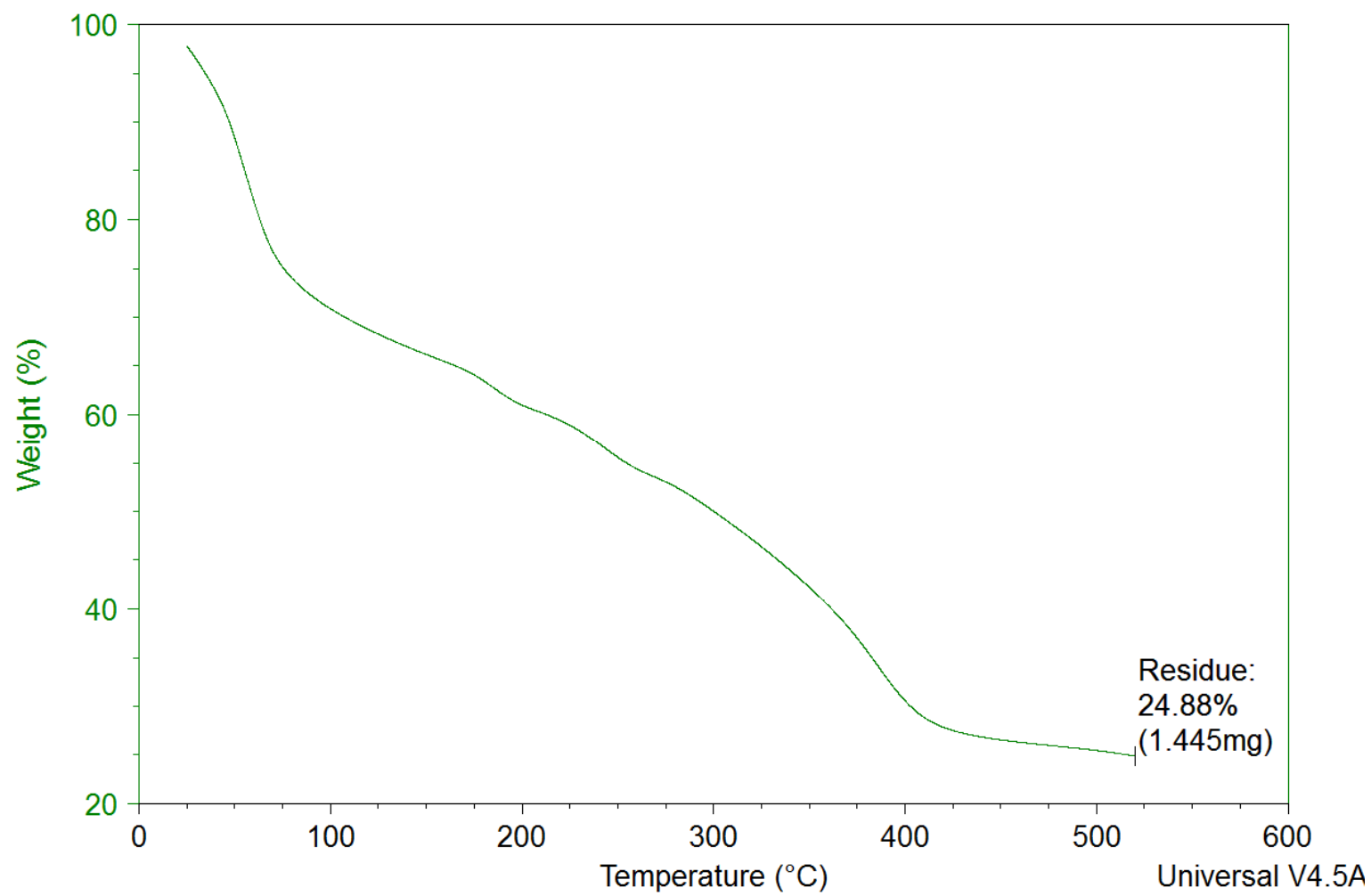
$[\text{Re}_3(\text{L1})_2\text{Br}_3(\text{CO})_3] \cdot n(\text{CH}_3\text{NO}_2) \cdot m(\text{H}_2\text{O})$  1



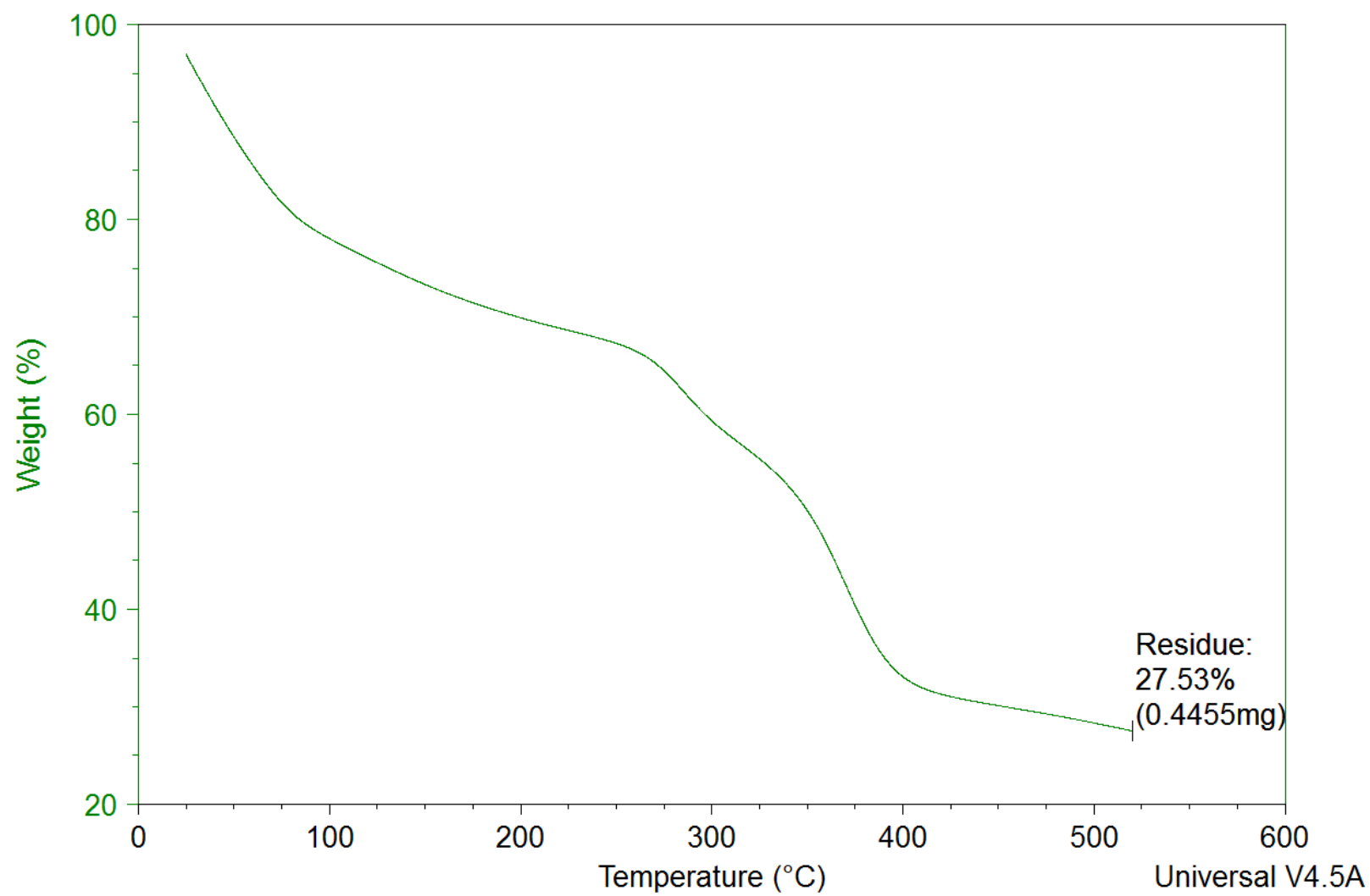
**[Re<sub>3</sub>(L1)<sub>2</sub>Br<sub>3</sub>(CO)<sub>3</sub>]·n(CH<sub>3</sub>NO<sub>2</sub>)·m(H<sub>2</sub>O) 1 after iodine uptake**



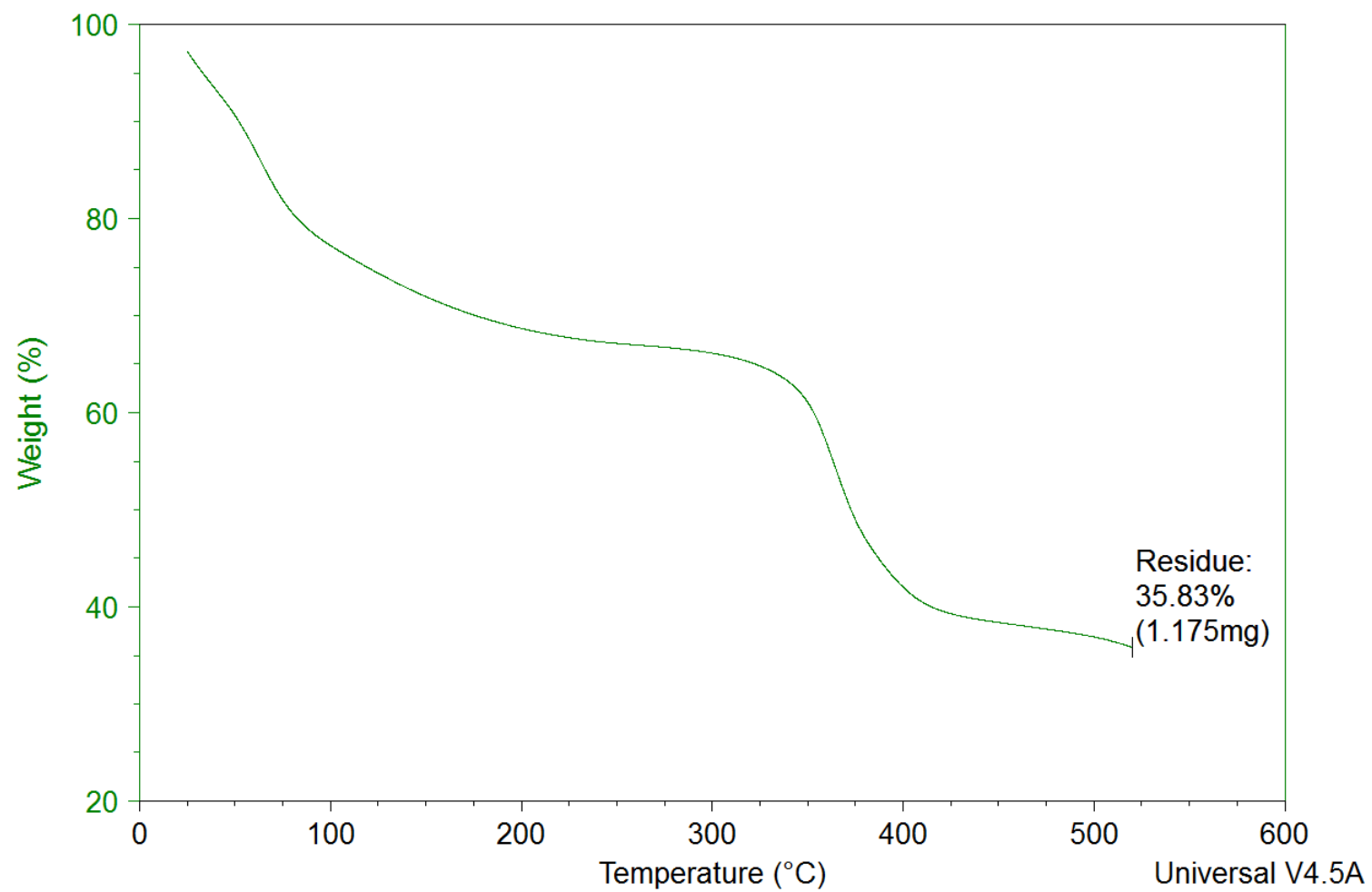
**[Co<sub>3</sub>(H<sub>2</sub>O)<sub>6</sub>(L1)<sub>2</sub>]·6(NO<sub>3</sub>)·n(DMF) 2a**



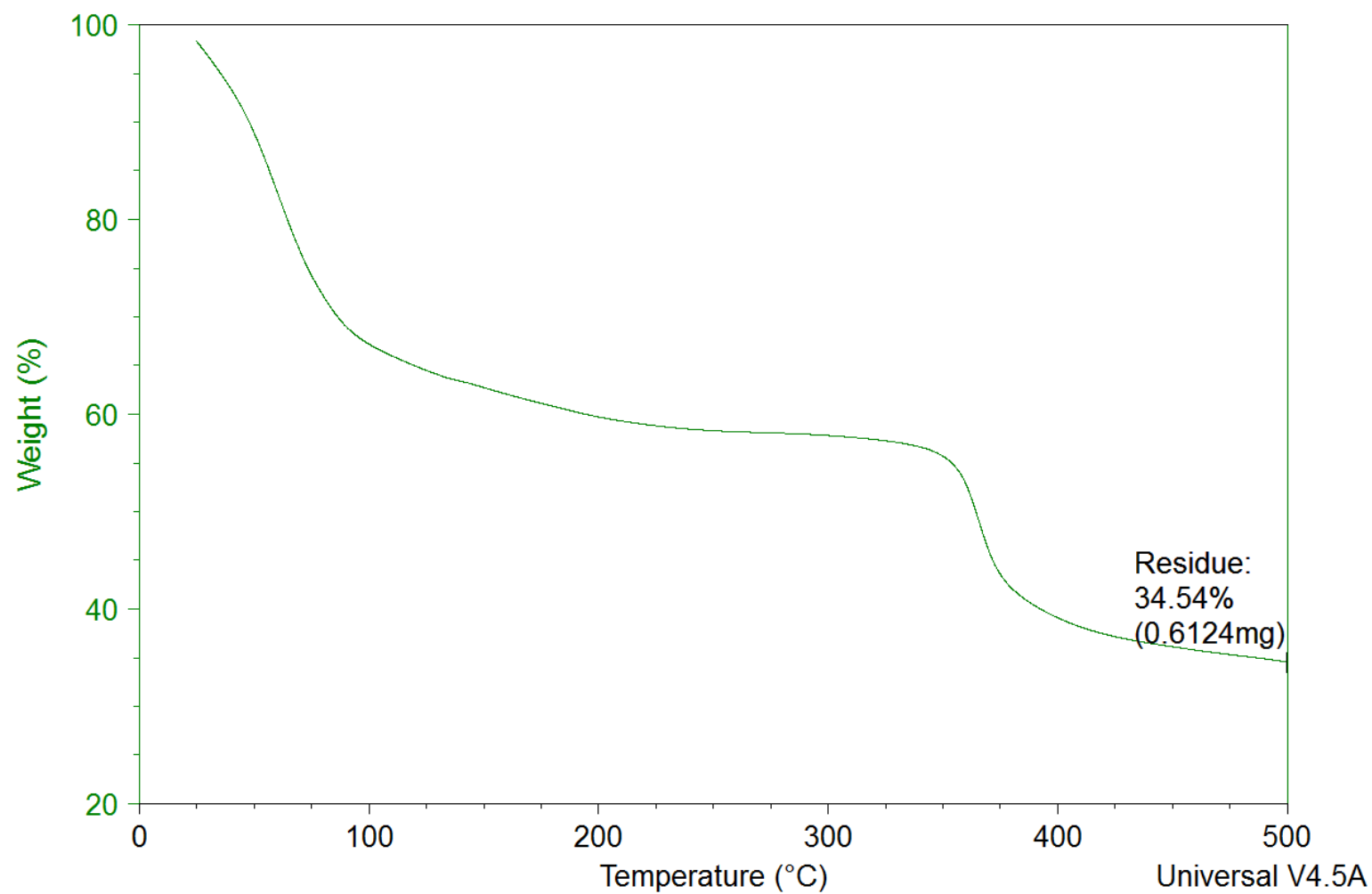
**[Ni<sub>3</sub>(H<sub>2</sub>O)<sub>6</sub>(L1)<sub>2</sub>]·6(NO<sub>3</sub>)·n(DMF) 2c**



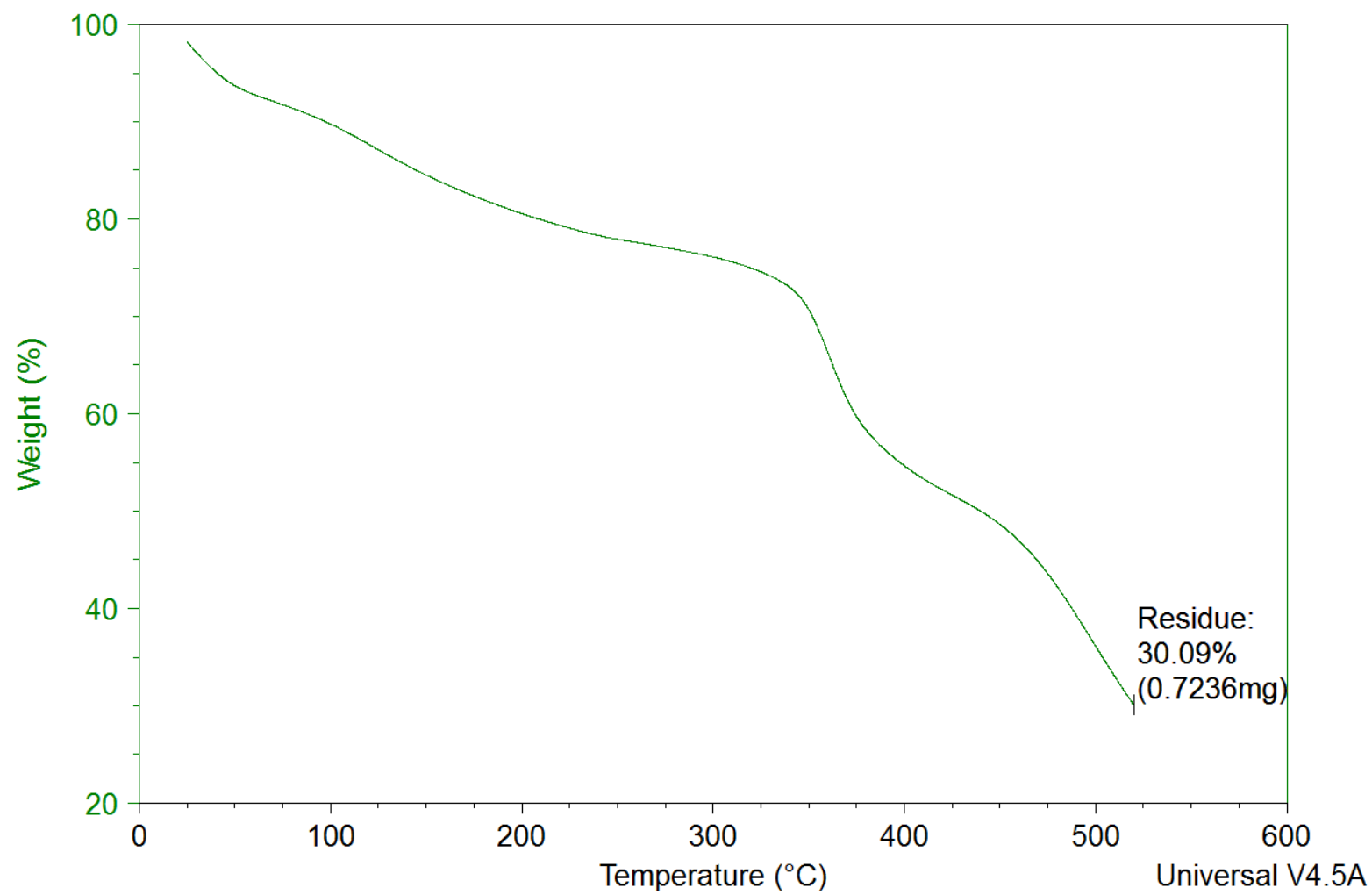
**[Co<sub>3</sub>Cl<sub>6</sub>(L1)<sub>2</sub>·n(DMF) 3a**



**[Co<sub>3</sub>Br<sub>6</sub>(L1)<sub>2</sub>]·n(DMF) 3b**



$[\text{Co}_3\text{I}_{1.5}(\text{H}_2\text{O})_{4.5}\text{L1})_2] \cdot 4.5\text{I} \cdot m(\text{DMF})$  4



**[Cu<sub>2</sub>(L1)(TFA)<sub>3</sub>(isonic)]·n(DMF) 5**

