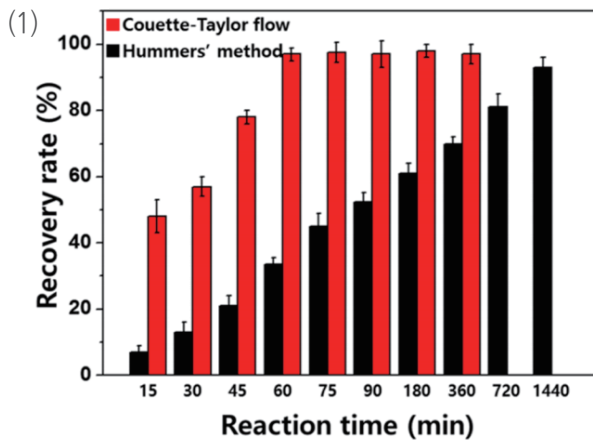
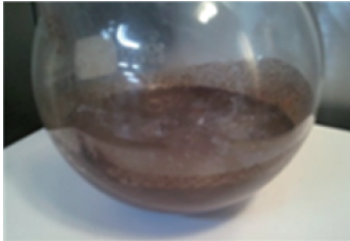
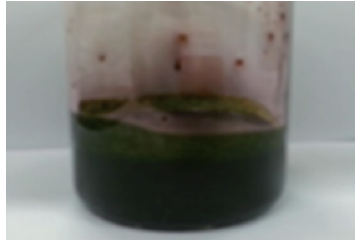


Graphene Oxide

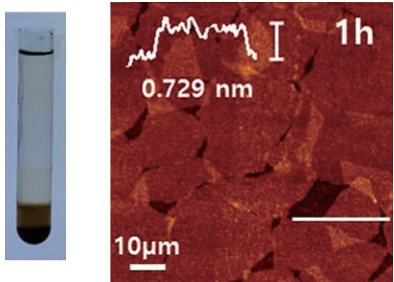
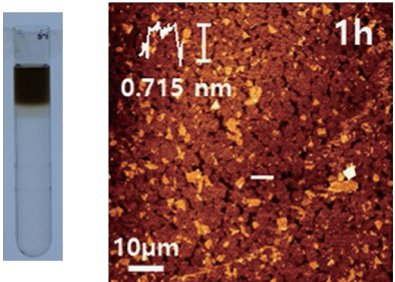
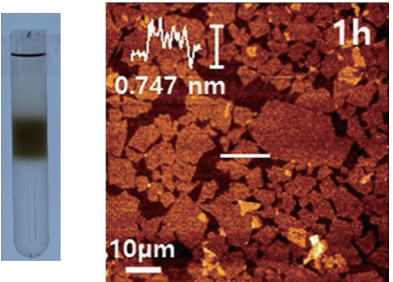
Shortened Reaction Time



LCTR®	Hummers' method
1h & 200 cp	24h & 10,000 cp
	

Large Lateral Size

(2)

LCTR®	Sonication	Homogenizer
		

References

- (1) Park W. K. et al, Toward Green Synthesis of Graphene Oxide Using Recycled Sulfuric Acid via Couette–Taylor Flow, ACS Omega 2017, 2, 186–192
 (2) Park W. K. et al, High-efficiency exfoliation of large-area mono-layer graphene oxide with controlled dimension, Scientific Reports | 7: 16414

The Secret is Taylor Flow!

Advantages of Taylor Flow Chemical Reactor (LCTR®)

- Shortened reaction time
- Uniform exfoliated product with high quality
- Continuous production system
- Easy scale-up from lab to mass production
- Precise temperature control
- Simple and easy operation
- Green synthesis

Sample test is available!
Feel free to contact us!

