

EFFECT OF AUDIOSONIC SONICATION VIBRATION ASSISTED BY LINEAR ALKYL BENZENE SULFONATE SURFACTANTS TOWARDS GRAPHITE EXFOLIATION

by Wipsar Sunu Brams Dwandaru, Fika Fauzi, Irvany

ABSTRACT

We report the use of audio sonication method assisted by linear alkylbenzene sulfonate (LAS) surfactants to exfoliate graphite layers in attempt to obtain graphene layer based on liquid sonication exfoliation from graphite powder.

Kata Kunci: *audio frequency, audio sonication, graphene, liquid sonication exfoliation*