

الآية

قال تعالى:

بسم الله الرحمن الرحيم

اللَّهُ وَاللَّهُ تَعَفَّرَ لِدُنْبِكَ وَاللَّهُ مَدِينِ
اللَّهُ وَاللَّهُ مَدِينِ مَدِينِ مَدِينِ مَدِينِ

صدق الله العظيم

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D E D I C A T I O N

To our beloved parents, brothers, sister and to all our friends thank you for your support, help and encouragement in pursuing our dreams.

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Abstract

This work aimed to estimate Mark–Houwink–Sakurada equation parameters for Kakamout Gum. The gum was fractionalized into three fraction uses acetone, via fractional precipitation.

The fraction obtained were used in determination of number average molecular weights and intrinsic viscosity for each.

The data thus obtained were used in estimation of Mark–Houwink–Sakurada equation parameters α and K using Mark–Houwink–Sakurada equation. The estimation were found to be $\alpha \simeq 0.3$ and $K = 1.2324$

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