## Lucid Colloids Ltd.

## Product Information

## Edicol ${ }^{\circledR}$ Food Grade Guar Gums

FAO/WHO Codex Alimentarius - Food Status: A1, ADI: Not Specified. European Community - Food Status: E412. Food Chemical Codex - Food Status: Direct Food Additive. Guar gum that meets FCC specifications is affirmed as GRAS as a direct food additive under FDA regulation 184.1339.
FEMA/GRAS No: 2537. CAS No: 9000-30-0
White - cream coloured powder, extracted from the endosperm of Guar seeds, "Cyamopsis Tetragonalobus". Hot and cold water soluble Galactomannan Polysaccharide. Beta 1,4 linear mannose backbone chain with a single galactose side unit on approximately every alternate mannose unit in an alpha 1,6 linkage. High viscosities at low concentrations. Non-Newtonian, pseudo-plastic rheology. Viscosities increase exponentially with increasing concentrations. Estimated Mol Wt range $=0.1 \sim 10 \times 10^{6}$


(\#) = Typical 1\% Brookfield Viscosity, cps (mPas), 2 hrs, $25^{\circ} \mathrm{C}$.
(*) FGDG series products are a blend of Guar Gum E412 and Partially (Enzymatically) Hydrolysed Guar Gum (PHGG)

