



UCCMA

United Company for Chemicals and Medical Preparations

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Certificate of Analysis

Product Name

FULLY REFINED SOYBEAN OIL

Product Code

QCOPC002

Ser.	Test	Acceptance Criteria
1	Description	Color: Clear, pale-yellow colored
		Odor: Rancid free odor
2	Color (Lovi-bond)	7 R / 35 Y.0
3	Impurities (%)	NMT 0.05%
4	Moisture (%)	NMT 0.2% at 105 °C
5	Free Fatty Acids (As Oleic Acid)	NMT 0.1%
6	Acid value	NMT 0.2 mg of Potassium Hydroxide in 1 g of Oil
7	Phosphorus (ppm)	NMT 5 ppm
8	Peroxide Value (mg Eq. O₂ / kg)	NMT 1
9	Soap Content (ppm)	NMT 10 ppm
10	Iodine Value (Wijs Method)	Between (124 - 139)
11	Saponification value	Between (189 - 195) mg of Potassium Hydroxide per 1 g of Oil
12	Relative Density	Between (0.919 - 0.925) at 20°C
13	Refractive index	Between (1.466 - 1.470) at 40°C
14	Cold Test	Negative
Storage Condition		Preserve in tight, light-resistant containers, and avoid exposure to excessive heat