

QUANTITATIVE ESTIMATION OF ADDED UREA CONTENT IN MILK BY UV-VISIBLE SPECTROSCOPY

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ABSTRACT

Urea is a natural constituent of milk and it forms a major part of the non-protein nitrogen in the milk. Urea concentration in milk is variable within herd. Urea content in natural milk varies from 20mg/100ml to 70mg/100ml. However, urea content above 70mg/100ml in milk indicates milk containing 'added urea'. The added urea in milk can be detected qualitatively by using UV-Visible spectroscopy

KEYWORDS: *Added Urea, DMAB, UV- Method*

Article History

Received: 22 Apr 2021 | Revised: 24 Apr 2021 | Accepted: 04 May 2021
