APPENDIX DD  
ADOPTION PROPOSAL FORM

**CPR183/F12**

**KENYA BUREAU OF STANDARDS**

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| **Document Type:** | **Adoption proposal** | |
| **Dates:** | Circulation date | Closing date |
| 5th February 2025 | 6th March 2025 |
| **TC Secretary** | **This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Mr. Peter Mutua** | |

The Kenya Bureau of Standards intends to adopt the International Standards as detailed here below .............................................................................................................................................

**Number** ................ **ISO 21446: 2020**.......................................................................................................................

## Title……….. Infant formula and adult nutritionals — Determination of trans and total (cis + trans) vitamin K1 content — Normal phase HPLC

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**Scope: ....** **This document specifies a method for the quantitative determination of *trans* and total (*cis* + *trans*) vitamin K1 in infant, pediatric and adult nutritionals using normal phase (NP) high-performance liquid chromatography (HPLC) with post-column reduction and fluorescence detection. The method demonstrated good linearity over a standard range of ~2 μg/l to 80 μg/l *trans* vitamin K1, and the limit of quantification (LOQ) was estimated to be 0,4 μg/l for standards and 0,09 μg/100 g ready to feed (RTF) for samples assuming 4 grams of sample are diluted to 10 ml.**

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We are therefore seeking views from potential users in respect of the same. The Standard is available at the Kenya Bureau of Standards Information Centre. Please tick and fill your preference of the listed option. (If the spaces provided are not enough, please attach a separate sheet of paper).

Adoption acceptable as presented

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Adoption proposal not acceptable because of the reason(s) below

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Our Recommendations are as follows

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Name and Signature (of respondent): ................................................

Position (of respondent): .....................................

On behalf of ......................................................................................... (Name of organization)

Date .........................................................................

**NOTE:** Absence of any reply or comments shall be deemed to be an acceptance of the proposal for adoption and **shall constitute an approval vote**.