

**CERTIFICATE OF IRRADIATION**

Utilization Permits of Irradiator Co-60 Number: 04998.371.1.300523

Ref. Number : 220/COI/MD-IMP-01/III/2024  
Date : Maret 28, 2024

Adam Kruppa  
Czech Republic

PT. Ion Merah Putih certifies that the material(s) listed below (as described by the customer) received the following dose range within the precision and accuracy of the dosimetry system employed.

| Description        | Qty. | Batch | Irradiation<br>Run Date | Irradiation Dose (kGy) |         |
|--------------------|------|-------|-------------------------|------------------------|---------|
|                    |      |       |                         | Minimum                | Maximum |
| Mitragyna Speciosa | 289  | 5568  | 13/3/2024               | 5.54                   | 6.86    |

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Average Dose: 6.2 kGy

This Certificate of Irradiation is submitted for use as appropriate.

Certified by:



D. Gustam, Dipl. Ing., MA.