What is claimed is:

1. An ingestible device configured to be tested using a probe located external from the ingestible device, the ingestible device comprising:

a substrate comprising a control unit and a memory for storing information; and

a first and second ingestible plates physically associated with the substrate,

~~wherein the ingestible device is configured to communicatively couple to a probe having first and second probing plates, wherein information can be communicated between the ingestible device and the probe, and~~

~~wherein~~ the first ingestible plate ~~is~~ configured to be communicatively coupled to ~~the~~ a first probing plate of the probe located external from the ingestible device and the second ingestible plate ~~is~~ configured to be communicatively coupled to ~~the~~ a second probing plate of the probe such that information can be communicated between the first ingestible plate and the first probing plate of the probe and between the second ingestible plate and the second probing plate of the probe;

wherein the ingestible device is configured to be physically associated with a pharmaceutical product; and

wherein the ingestible device is configured to be tested by the probe to validate the ingestible device in a supply chain application.

2. The ingestible device of claim 1, wherein the first and second ingestible plates are communicatively coupled to the control unit.

3. The ingestible device of claim 1 or 2, further comprising a region of conductive material physically associated with the substrate.

4. The ingestible device of claim 3, wherein the region of conductive material comprises a mixture of particles of ~~the~~ a conductive material and at least one other material.

5. The ingestible device of claim 4, wherein the at least one other material ~~is selected from a group consisting essentially of~~ comprises at least one pharmaceutical material, at least one excipient, or at least one placebo material.

6. The ingestible device of any of the preceding claims, wherein the first ingestible plate comprises a first material and the second ingestible plate comprises a second material, and wherein the first material is dissimilar from the second material.

7. The ingestible device of claim 6, wherein the first and second ingestible plates are ~~selected~~ configured to provide a voltage potential difference ~~as a result of~~when the different materials of the first ingestible plate and the second ingestible plate are

~~being~~ in contact with a conductive liquid and wherein the control unit ~~alters~~ is configured to alter a conductance between the first and second ingestible plates such that ~~the~~ a magnitude of a current flow is varied to encode information in a signal ~~radiated~~ communicated by the conducting liquid ~~and~~ such that the encoded information ~~is~~ can be remotely detectable by a receiver.

8. The ingestible device of any of the preceding claims, further comprising an antenna coupled to the control unit, wherein the antenna is configured to communicate with an external device.

9. The ingestible device of claim 8, wherein the antenna ~~further comprises~~includes a coil.

10. The ingestible device of claim 8, further comprising a power source associated with the antenna.

11. A system for tracking an ingestible ~~product~~ device configured to be tested using a probe located external from the ingestible device from an origin to a destination, the system comprising:

a probe comprising:

a power source;

a processor coupled to the power source, the processor ~~for receiving and sending~~configured to receive and send information; ~~and~~

a first probing plate coupled to the processor; and

a second probing plate coupled to the processor,

wherein the power source is configured to be controlled by the processor to produce an output at the first and the second probing plates; and

an ingestible device comprising:

a substrate comprising a control unit and a memory ~~for storing~~ configured to store information; and

a first ingestible plate physically associated with the substrate; and

a second ingestible plate~~s~~ physically associated with the substrate,

wherein the ingestible device is configured to communicatively couple to the first and second probing plates of the probe such that information can be communicated between the ingestible device and the probe;

wherein the ingestible device is configured to be physically associated with a pharmaceutical product; and

wherein the ingestible device is configured to be tested by the probe to validate the ingestible device from the origin to the destination.

12. The system of claim 11, wherein the first probing plated has a surface facing a surface of ~~and~~ the second probing ~~plates are separated by a gap therebetween, wherein~~ plate such that the ingestible device is configured to be in communication with the probe when the ingestible device is positioned ~~in the gap~~ between the surface of the first probing plate and the surface of the second probing plate.

13. The system of claim 11 or 12, wherein the first probing plate is positioned adjacent to ~~and~~ the second probing ~~plates are located along a plane and positioned side-by-side~~ plate such that the ingestible device is configured to be in communication with the probe when the ingestible device is brought ~~close to~~ within an operative proximity of the probe.

14. The system of any of claims 11 to 13, wherein the probe further comprises a tube having the first and second probing plates contained therein.

15. The system of any of claims 11 to 14, wherein the first and second ingestible plates are configured to be communicatively coupled to the control unit.

16. The system of any of claims 11 to 15, wherein the ingestible device further comprising a region of conductive material physically associated with the substrate.

17. The system of claim 16, wherein the region of conductive material comprises a mixture of ~~particles of~~ a first material and a second material, the first material being a ~~the~~ conductive material ~~and at least one other material~~.

18. The system of any of claims 11 to 17, ~~wherein the first ingestible plate comprises a first material and the second ingestible plate comprises a second material, and~~ wherein the first and second materials ~~are made of~~ comprise a conducting ink.

19. The system of any of claims 11 to 18, ~~further comprising an external device,~~ wherein the ingestible device is configured to communicate with ~~the~~ an external device.

20. The system of claim 19, wherein the ingestible device comprises a communication element configured to communicate with the external device, the communication element ~~selected from a group consisting essentially~~including at least one of:

an antenna ~~and two dissimilar materials~~, or a first material and a second material different from the first material, the first material and the second material selected to provide a voltage potential

difference as a result of the materials being in contact with a conductive liquid, and wherein the control unit ~~alters~~ is configured to alter the conductance between the ~~dissimilar materials~~first material and the second material such that ~~the~~ a magnitude of ~~the~~ a current flow is varied to encode information in a signal ~~radiated~~ communicated by the conducting liquid ~~and~~ to produce encoded information such that the encoded information is remotely detectable by a receiver.