Dissolution characteristics to bioavailability of a solid dosage will vary with factor of formulation or by manufacturing process. It can be used to identify bioequivalence problems and can serve as a signal of bioequivalence as well. Jaapharm dissolution systems are state of the art fully automated in Canadian pharma industry.

1. Vessels creating gastro-dissolution conditions measuring drug levels to the plasma from intestine bypassing the stomach (gastro track) resulting in no side effects.
2. Auto sampler with 8 designated tubes for each vessel collecting sample at assigned intermissions and delivering to Agilent UV-Visible Spectrophotometre.
3. Agilent UV-Visible Spectrophotometre analysing each sample instantly and sending results to the PC system.
4. PC Systems linked to dissolution systems.
5. HPLC systems for method development.

6 Reasons Why:

All Raw materials, Finished products are tested in house & released by QA before use.

Products are Mfg. at Jaapharm CGMP** facility in Canada License 300109 issued by NHPD***.

Packaging is done at Jaapharm CGMP** facility in Canada License 300109 issued by NHPD***.

Finished products are also tested for dissolution under USP Monograph in house.

All products are on stability, dissolution & microbial testing program.

Smallest Potassium Gluconate 468 mg coated tablet in Canada. Highest single dose allowed by Health Canada (NHPD).

Potassium is used as a treatment or prevention of hypokalemia (potassium depletion).
For treatment of digitalis toxicity.
Used as Electrolyte replenisher.
Halal & Kosher, no animal by-product nor gelatin, glutin, sweetner, colour, preservative or oil.

JAA K 2
POTASSIUM Gluconate 468 mg TABLETS NPN# 8005804
Thin layer HDFC* enteric coating. It’s Chloride free which makes it more suitable for high blood pressure & heart condition patients.

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JAA NATURALS CANADA
510 Rowntree Dairy Road, Building A, Woodbridge, ON L4L 8H2
Tel: 905-851-7885 Fax: 905-856-5838
Email: info@jaapharm.com Website: www.jaaphrm.com

*HDFC - High Density Force Compression
**CGMP - Current Good Manufacturing Practices according to Health Canada
***NHPD - Natural Health Products Directorate (Health Canada)
JAA®K 2
POTASSIUM Gluconate 468 mg TABLETS NPN# 8005804

Now Available: JAA K2
POTASSIUM Gluconate 468 mg
78 mg or 2 mEq of Potassium

POTASSIUM GLUCONATE TABLETS STABILITY SUMMARY

- ASSAY RESULT
- DISSOLUTION RESULT

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Assay Result

Dissolution Result

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FEROFATE
IRON 45 mg TABLETS NPN# 8000350

Enteric coated to prevent stomach irritation.

➤ Helps to form red blood cells and helps in their proper function.
➤ Helps to prevent iron deficiency (anemia).
➤ Helps pregnant women meet the recommended intake for iron.
➤ Halal & Kosher, no animal by-product nor gelatin, glutin, sweetner, colour, preservative or oil.

Smallest IRON 45mg coated tablet in Canada. Highest single dose allowed by Health Canada (NHPD).

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- Finished products are also tested for dissolution under USP Monograph in house.
- All products are on stability, dissolution & microbial testing program.
- Smallest Melatonin 3 mg coated tablet in Canada.
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6 Reasons Why:

- Smallest Melatonin 3 mg coated tablet in Canada.
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FRIABILITY TEST FOR TABLETS

Friction and shock are the forces that most often cause tablets to chip, cap or break. The friability test is closely related to tablet hardness and is designed to evaluate the ability of the tablet to withstand abrasion in packaging, handling and shipping. The loss should not exceed more than 1.0% USP Std.

Competitor product was tested as shown in Picture ① having over 5.0% Friability result for a Chondroitin Glucosamine 900mg formulation.

Jaapharm product CON-GLU-900 V as shown in Picture ② has Friability result of 0.25%.

All tablets manufactured by Jaapharm are tested for Friability before packaging and all of them confirm to USP Std. i.e. less than 1.0%.