

CERTIFICATE OF ANALYSIS

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|----------------------|---|-----------------------------------|--|
| Product Name: | I.Q. Essentials Kids Perfect Multi Chewable Tablets | | |
| Product #: | PY045 | Manufactured for: Purity Products | |
| Lot#: | 160346 | | |
| Date Manufactured: | 3/2016 | | |
| Product Description: | Off-White to light beige spotted, 5/8" round uncoated berry flavored chewable tablet. | | |
| Weight Variation: | (Current USP) – Target Weight: 1.6978 g | Average Weight: 1.6967 g | |
| Disintegration Time: | N/A | | |
| Reference: | B1062p66, B1068p11, 12 | | |

ACTIVE INGREDIENTS

| Component Name | LC/2tabs | Result | % of LC | Method |
|---|------------|------------|---------|--------|
| Vitamin A (as beta carotene) | 5000.00 IU | 6498.22 IU | 129.96 | HPLC |
| Vitamin C (as ascorbic acid) | 60.00 mg | 60.00 mg | 100.00 | ** |
| Vitamin D (as cholecalciferol) | 1000.00 IU | 1254.55 IU | 125.46 | HPLC |
| Vitamin E (as d-alpha tocopheryl succinate) | 30.00 IU | 32.09 IU | 106.97 | HPLC |
| Thiamin (Vitamin B-1) (as thiamine mononitrate) | 1.50 mg | 2.24 mg | 149.33 | HPLC |
| Riboflavin (Vitamin B-2) | 1.70 mg | 1.70 mg | 100.00 | ** |
| Niacin (Vitamin B-3) (as niacinamide) | 20.00 mg | 21.45 mg | 107.25 | HPLC |
| Vitamin B-6 (as pyridoxine HCL) | 2.00 mg | 2.00 mg | 100.00 | ** |
| Folate (as folic acid) | 400.00 mcg | 400.00 mcg | 100.00 | ** |
| Vitamin B-12 (as cyanocobalamin) | 6.00 mcg | 6.00 mcg | 100.00 | ** |
| Biotin | 300.00 mcg | 300.00 mcg | 100.00 | ** |
| Pantothenic Acid (as d-calcium pantothenate) | 10.00 mg | 10.00 mg | 100.00 | ** |
| Calcium (as calcium citrate) | 50.00 mg | 50.00 mg | 100.00 | ** |
| Choline Bitartrate | 20.00 mg | 20.00 mg | 100.00 | ** |
| Fruit and Vegetable Blend | 300.00 mg | 300.00 mg | 100.00 | ** |
| Organic Freeze-Dried Wild Blueberry Fruit Powder, Organic Peach Powder, Organic Kale Powder, Organic Carrot Powder, Organic Broccoli Sprout Powder, Organic Brussels Sprout Powder, Organic Spinach Powder, Organic Alfalfa Sprout Powder, Beet Root Powder, Yellow Butternut Squash Powder, Beet Greens Powder, Organic Apple Powder, Organic Mango Powder, Organic Orange Fruit Powder, Organic Pineapple Powder, Black Currant Berry Powder, Apricot Powder. | | | | |

INERT INGREDIENTS

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| Xylitol, Maltodextrin, Stearic Acid, Silicon Dioxide, Magnesium Stearate, Citric Acid, Malic Acid, Natural Flavors, Modified Cornstarch, Water, Hydroxypropyl Cellulose, Sucrose, Sodium Ascorbate, Medium Chain Triglycerides, Lecithin (from sunflower), dl-alpha tocopherol, and methylcellulose |
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HEAVY METALS

| Heavy Metal | Result/2tabs | Method |
|-------------|--------------|--------|
| Arsenic | ND | ICP-MS |
| Cadmium | 0.039 | ICP-MS |
| Lead | 1.31 | ICP-MS |

MICROBIOLOGY

| Micro Study# 155643 | Specification | Result | Method |
|-------------------------------------|------------------|-----------|--------------------|
| Total Plate Count: | NMT 10,000 CFU/g | 90 CFU/g | Current USP Method |
| Yeast & Mold Count: | NMT 1,000 CFU/g | 100 CFU/g | Current USP Method |
| Escherichia Coli: | Negative | ND | Current USP Method |
| Salmonella: | Negative | ND | Current USP Method |
| Staphylococcus Aureus: | Negative | ND | Current USP Method |
| Prepared By: <i>Rebecca Rivera</i> | | | Date: 4/19/16 |
| Reviewed By: <i>B Venkateswarlu</i> | | | Date: 4/19/16 |
| Approved By: <i>Rajvidya Thaker</i> | | | Date: 4/19/16 |

* Skip Lot or Rotational Testing based on historical results and statistical analysis.

** Verified by input, production process controls and Quality Assurance batch record review / approval to ensure finished product meets all applicable MMR product in-process specifications.