

Product Code: **K428**
Product: **Centrum Benefit Blend Energy & Vitality**
Mfg Lot #: **001-K428**
Manufacture Date:

Ship To:

Pkg Lot #:
Expiration Date:

Physical Specifications:

Description/Color:	Beige to light brown powder fill in clear capsule shell
Shape/Size:	#0 capsule / 0.854" x 0.300"

	Specification	Result	Method	Notebook Reference
Average Capsule Weight	Report Only	pending	USP <2091>	
Disintegration: 0.05M Acetate Buffer	NMT 30 Minutes	pending	USP <2040>	
Water Activity	NMT 0.6 Aw	pending	QC 118	

Each two (2) capsules contains:

Ingredient	Label Claim	Specification Range	Result	Test Date	Method	Notebook Reference
Thiamin (as thiamin hydrochloride)	1.2 mg	2.60 - 4.50 mg	pending		BLCMS_S (Eurofins)	
Riboflavin	1.3 mg	1.82 - 3.33 mg	pending		BLCMS_S (Eurofins)	
Niacin (as niacinamide)	4 mg	4.80 - 8.10 mg	pending		BLCMS_S (Eurofins)	
Vitamin B6 (as pyridoxine hydrochloride)	1.7 mg	2.12 - 3.57 mg	pending		BLCMS_S (Eurofins)	
Folate (as calcium L-5-methyltetrahydrofolate)	400 mcg DFE	458.00 - 1,000.00 mcg DFE	pending		OC_5MTHF_S (Eurofins)	
Vitamin B12 (as methylcobalamin)	24 mcg	26.00 - 45.00 mcg	pending		OC_MSBB12_S (Eurofins)	
Biotin	30 mcg	38.00 - 69.00 mcg	pending		BLCMS_S (Eurofins)	
Pantothenic acid (as D-calcium pantothenate)	5 mg	5.80 - 9.60 mg	pending		BLCMS_S (Eurofins)	
Magnesium (as magnesium hydroxide)	105 mg	105.00 - 131.25 mg	pending		ICP_S (Eurofins)	
Coenzyme Q-10	50 mg	56.00 - 93.00 mg	pending		Q10_S (Eurofins)	
Caffeine (natural, from green tea leaf)	15 mg	Report Only	pending		CAFR_S (Eurofins)	

CERTIFICATE OF ANALYSIS

8 Henderson Drive, West Caldwell, New Jersey 07006
phone (973) 575-9200 fax (973) 276-7185

Product Code: **K428**
Product: **Centrum Benefit Blend Energy & Vitality**
Mfg Lot #: **001-K428**
Manufacture Date:

Ship To:

Pkg Lot #:
Expiration Date:

Ingredient	Label Claim	Specification Range	Result	Test Date	Method	Notebook Reference
Organic Botanical Blend: Maca (root) Pomegranate (fruit) Asian ginseng extract (root)	200 mg		pending		By Input	

Heavy Metals *

Arsenic		<10 mcg/day	pending		ICP-MS (Chemical Solutions)	
Lead		<0.5 mcg/day	pending		ICP-MS (Chemical Solutions)	
Cadmium		<4.1 mcg/day	pending		ICP-MS (Chemical Solutions)	
Mercury		<0.3 mcg/day	pending		ICP-MS (Chemical Solutions)	
* Heavy Metals results are based on a daily dose of two (2) capsules						

Microbial Testing	Specification Range	Result	Test Date	Method	Notebook Reference
Total Plate Count	NMT 10,000 CFU/g	pending		Current USP	
Yeast and Mold	NMT 1,000 CFU/g	pending		Current USP	
Gram Negative Bile Tolerant	NMT 100 CFU/g	pending		Current USP	
E. coli	Absent/10g	pending		Current USP	
Salmonella	Absent/10g	pending		Current USP	
S. aureus	Absent/10g	pending		Current USP	

"The product specified above has been manufactured, packaged, tested and approved in accordance with the good manufacturing practices and VitaQuest approved standard operating procedures. Deviations from procedures have been reviewed, investigated, documented and approved by VitaQuest's Quality Assurance Department. The lot has met all the predetermined specifications and is released for shipment."