

Cayenne - Capsicum annuum - Oral

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CAYENNE - CAPSICUM ANNUUM Oral Help on accessing alternative formats, such as Portable Document Format (PDF), Microsoft Word and PowerPoint (PPT) files, can be obtained in the alternate format help section. (PDF Version - 73 KB) This monograph is intended to serve as a guide to industry for the preparation of Product Licence Applications (PLAs) and labels for natural health product market authorization. It is not intended to be a comprehensive review of the medicinal ingredient. Notes Text in parentheses is additional optional information which can be included on the PLA and product label at the applicant's discretion. The solidus (/) indicates that the terms and/or statements are synonymous. Either term or statement may be selected by the applicant. Date October 30, 2018 Proper name(s), Common name(s), Source material(s) Table 1. Proper name(s), Common name(s), Source material(s) Proper name(s) Common name(s) Source material(s) Proper name(s) Part(s) Preparation(s) Capsicum annuum Cayenne Cayenne pepper Chili pepper Paprika Red Pepper Capsicum annuum Fruit Dried References: Proper name: USDA 2018; Common names: Blumenthal et al. 2000, McGuffin et al. 2000; Source material: Bradley 2006, Felter and Lloyd 1983. Route of Administration Oral Dosage Form(s) This monograph excludes foods or food-like dosage forms as indicated in the Compendium of Monographs Guidance Document. Acceptable dosage forms for the age category listed in this monograph and specified route of administration are indicated in the Compendium of Monographs Guidance Document. Use(s) or Purpose(s) Traditionally used in Herbal Medicine to aid digestion (Bradley 2006; Ellingwood 1983; Felter and Lloyd 1983). Traditionally used in Herbal Medicine to help support peripheral circulation (Bradley 2006; Ellingwood 1983; Wren 1907). Note Claims for traditional use must include the term "Herbal Medicine", "Traditional Chinese Medicine", or "Ayurveda". Dose(s) Subpopulation(s) Adults 18 years and older Quantity(ies) Methods of preparation: Dry, Powder, Non-Standardised Extracts (Dry extract, Tincture, Fluid extract, Decoction, Infusion) 15-650 milligrams of dried fruit, per day (Bradley 2006; Blumenthal 2003; Hoffmann 2003; Lust 1987; Felter and Lloyd 1983; Grieve 1971) Direction(s) for use No statement required. Duration(s) of Use No statement required. Risk Information Caution(s) and warning(s) Keep out of the reach of children. Call a Poison Control Center immediately if overdose or accidental ingestion occurs (CPS 2008). Consult a health care practitioner/health care provider/health care professional/doctor/ physician if symptoms persist or worsen. Consult a health care practitioner/health care provider/health care professional/doctor/ physician prior to use if you are pregnant, breastfeeding, or have stomach ulcers or inflammation (Brinker 2010; Bradley 2006; Boon and Smith 2004). Contraindication(s) No statement required. Known adverse reaction(s) No statement required. Non-medicinal ingredients Must be chosen from the current Natural Health Products Ingredients Database (NHPID) and must meet the limitations outlined in the database. Storage conditions No statement required. Specifications The finished product specifications must be established in accordance with the requirements described in the Natural and Non-prescription Health Products Directorate (NNHPD) Quality of Natural Health Products Guide. The medicinal ingredient must comply with the requirements outlined in the NHPID. References Cited Blumenthal M. ABC Clinical Guide to Herbs. New York (NY): Theime; 2003. Blumenthal M, Goldberg A, Brinkmann J, editors. 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M, Kartesz JT, Leung AY, Tucker AO, editors. Herbs of Commerce, 2 nd edition. Silver Spring (MD): American Herbal Products Association; 2000. USDA 2018: United States Department of Agriculture, Agricultural Research Service, National Genetic Resources Program. Germplasm Resources Information Network (GRIN). Capsicum Annuum . National Germplasm Resources Laboratory, Beltsville (MD). [Accessed 2018 August 15]. Available at: http://www.ars-grin.gov/cgi-bin/npgs/html/tax_search.pl Wren RC. Potter's Cyclopedia of Botanical Drugs and Preparations. London (GB): Potter and Clark; 1907. References Reviewed Ahuja KDK, Robertson IK, Geraghty DP, Ball MJ. The effect of 4-week chilli supplementation on metabolic and arterial function in humans. *European Journal of Clinical Nutrition* 2007;61(3):326-333. Barnes J, Anderson LA, Philipson JD. Herbal Medicines, 3 rd edition. London (GB): The Pharmaceutical Press; 2007. Bernstein JE, Bickers DR, Dahl MY, Roshal JY. 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Final report on the safety assessment of Capsicum Annuum extract, Capsicum Annuum fruit extract, capsicum Annuum Resin, Capsicum Annuum fruit powder, Capsicum Frutescens resin, and Capsaicin. *International Journal of Toxicology* 2007;26(Supplement 1):3106. Joliffe VA, Anand P, Kidd BL. Assessment of cutaneous sensory and autonomic axon reflexes in rheumatoid arthritis. *Annals of the Rheumatic Diseases* 1995;54(4):251-255. Kumar N, Vij JC, Sarin SK, Anand BS. Do chillies influence healing of duodenal ulcer? *British Medical Journal* 1984;288(6433):1803-1804. Lee YS, Kho HS, Kim YK, Chung SC. Influence of topical capsaicin on facial sensitivity in response to experimental pain. *Journal of Oral Rehabilitation* 2007;34(1):9-14. Matucci-Cerinic M, Marabini S, Jantsch S, Cagnoni M, Partsch G. Effects of capsaicin on the metabolism of rheumatoid arthritis synoviocytes in vitro. *Annals of the Rheumatic Diseases* 1990;49(8):598-602. Morris VH, Cruwys SC, Kidd BL. 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MEDICINAL INGREDIENT(S)

Must be chosen from the current Natural Health Products Ingredients Database (NHPID) and must meet the limitations outlined in the database. Storage conditions No statement required.

DOSAGE FORM(S)

Acceptable dosage forms for the age category listed in this monograph and specified route of administration are indicated in the Compendium of Monographs Guidance Document.

RISK INFORMATION

Caution(s) and warning(s) Keep out of the reach of children.Call a Poison Control Center immediately if overdose or accidental ingestion occurs (CPS 2008).Consult a health care practitioner/health care provider/health care professional/doctor/ physician if symptoms persist or worsen.Consult a health care practitioner/health care provider/health care professional/doctor/ physician prior to use if you are pregnant, breastfeeding, or have stomach ulcers or inflammation (Brinker 2010; Bradley 2006; Boon and Smith 2004).
Contraindication(s) No statement required. Known adverse reaction(s) No statement required.

NON-MEDICINAL INGREDIENTS

Must be chosen from the current Natural Health Products Ingredients Database (NHPID) and must meet the limitations outlined in the database. Storage conditions No statement required.

STORAGE CONDITION(S)

No statement required.

SPECIFICATIONS

The finished product specifications must be established in accordance with the requirements described in the Natural and Non-prescription Health Products Directorate (NNHPD) Quality of Natural Health Products Guide.The medicinal ingredient must comply with the requirements outlined in the NHPID.

REFERENCES

Route of Administration Oral

Proper name(s)	Common name(s)	Source material(s)		
Proper name(s)	Part(s)	Preparation(s)		
Capsicum annuum	CayenneCayenne pepperChili pepperPaprikaCapsicum	Capsicum annuum	Fruit	Dried