

ingredient solutions

Dr. Peter

excellence by nature

Product

Name	Black Carrot Extract
Botanical name	Daucus carota ssp
OHI product code	B033.R40300
Plant part	Root
Country of origin	P.R.CHINA

Black Carrot Extract

Physical and Chemical Properties

Appearance ¹	Red to purple red, FINE POWDER	Visual
Taste	Typical to botanical	Gustatory
Odor	Typical to botanical	Olfactory
Sieve analysis	90% pass 90% pass 80 mesh mesh	Mesh screen
Moisture	≤5%	IR balance
Ash	≤5%	2g/525°C/5hrs

Microbiology

Total plate count	≤10000cfu/g	AOAC
Yeasts & Molds	≤1000cfu/g	AOAC
Salmonella	Absent/10g	AOAC
E.Coli	Absent/1g	AOAC
Sterilization method	High Temperature & High Pressure	
	Short time (5" - 10")	

Packaging | Storage³

Packaging	Carton drum inner double layer plastic bag
Storage	Cool, dry, dark, airtight environment. Storage of products at room temperature Keep away from sunshine and moisture Reclose packaging tightly after use
Re-test date	24 months after manufacture date in original packaging and advised storage condition

Heavy metals²

Arsenic (As)	≤ 1 ppm	AA or equivalent
Cadmium (Cd)	≤ 1 ppm	AA or equivalent
Lead (Pb)	≤ 3 ppm	AA or equivalent
Mercury (Hg)	≤ 0.1 ppm	AA or equivalent
Total heavy metals	≤ 10 ppm	Colorimetry or eq.
Identification	Positive	TLC

Additional product information

Composition Ratio	4 to 1
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KOSHER

HALAL

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Product data



This datasheet is in compliance with USA and EU food regulations

¹ This is a natural product; color variations may appear between extraction batches due to crop, harvest and seasonal fluctuations.

² Individual and total heavy metals are not being tested for each batch. Random analyses are being regularly performed minimum once a year.

³ Packaging, storage and Re-test date can differ upon customer or quantity requirements or special product features

⁴ KOSHER and HALAL certifications are being regularly updated and issued by authorized institutions with new and revised extracts. It might be that this extract has not yet been included in the current version of KOSHER and HALAL certificates

Analysis methods indicated in this product datasheet are generally used methods. Equivalent methods can be applied to determine the product specifications.

Disclaimer

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