

MINT POLYPHENOL

PEPPERMINT EXTRACT

Mint Polyphenol 30 / Mint Polyphenol Powder 50

Mint Polyphenol is an all natural food ingredient rich in polyphenols, that is extracted and purified from selected leaves.

This product can be used in a wide variety of food products such as confectionery (gum, candy), beverages, tablets, etc.

- * Contains high contents of peppermint polyphenols
 - * Available in liquid and powder form
 - * Easily soluble in water
 - * Uses no organic solvents
 - * GMO, allergen-free
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MINT POLYPHENOL

PEPPERMINT EXTRACT

| Name | Mint Polyphenol 30 | Mint Polyphenol Powder 50 |
|---|--|--|
| Appearance, property | Brown to blackish brown liquid | Light brown to brown powder |
| Solid content (as extract) | 30-35% | 50-52% |
| Polyphenol content | Not less than 6.5% | Not less than 9.5% |
| Brix(20°C) | 40-43° | - |
| Loss on drying | - | Not more than 7% |
| Standard plate counts | Not more than 1,000 cfu/ g | Not more than 3,000 cfu/ g |
| Coliforms | Negative | |
| Heavy metals (as Pb) | Not more than 20ppm | |
| Arsenic (As ₂ O ₃) | Not more than 2ppm | |
| Storage condition | -18°C (-0.4°F) or below | Keep in cool and dark place |
| Shelf life | Maximum 730 days after manufacturing in original unopened containers | Maximum 730 days after manufacturing in original unopened containers |
| Ingredients | Peppermint | Peppermint, dextrin |
| Label example | Peppermint extract | |

Safety test

The following tests have been cleared to confirm safety.

- Mutagenicity test (Ames test)
- Acute toxicity test (rat)
- 4-week oral repeated-dose toxicity test (rat)
- 13-week oral repeated-dose toxicity test (rat)

Patent information

JP2003128558 (Therapeutic Agent for Allergic Rhinitis)

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