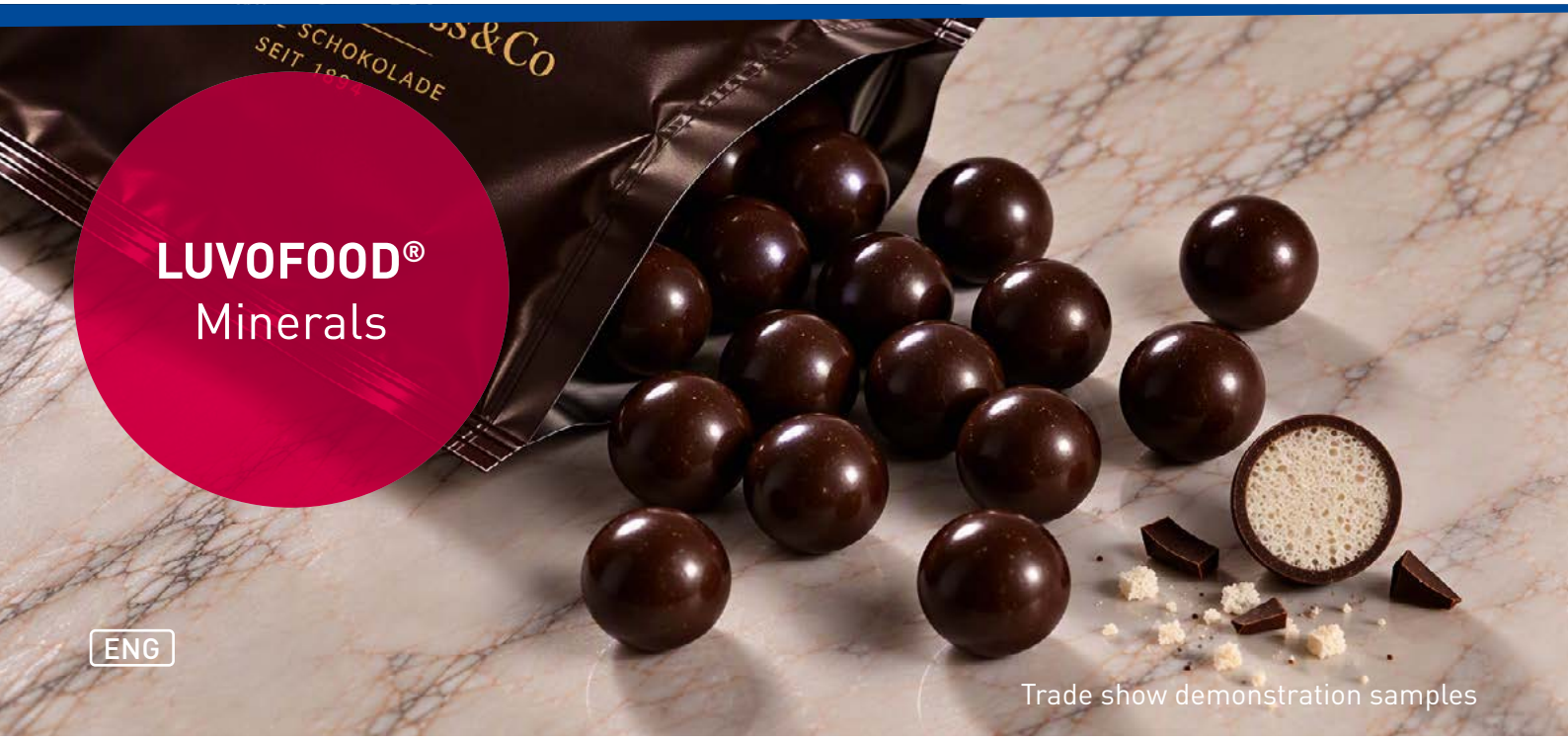
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Magnesium Meets Protein Crisps

Crunchy inside, chocolate outside

These chocolate-coated crisps demonstrate that minerals and protein can be combined in one snack. A LUVOFOOD® Milk Protein Crisp core is coated in fine dark chocolate – with magnesium oxide incorporated directly into the chocolate. The 1 cm protein crisp core combines a light, crunchy centre with a smooth dark chocolate coating.

Milk Protein Crisp ≈90 % protein

1 cm core made from native milk without additives, retaining the natural milk protein composition. Light and airy, with a mild flavour profile and characteristic dairy notes.



Magnesium Oxide ≈60 % Mg content

Highest magnesium content – so only a small amount is needed in the chocolate. Insoluble in water and largely neutral in taste. A serving of 10 chocolate-coated protein crisps provides at least 15 % of the magnesium NRV.

Dark Chocolate Shell High cocoa

Fine dark chocolate as the carrier for magnesium oxide – its rich cocoa taste rounds off any mineral notes.

Functional Indulgence
Protein, magnesium and dark chocolate combined in a crunchy, great-tasting snack.

Perfect On The Go
Portioned in standard commercial flow packs.

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Magnesium Meets Chocolate

Smooth mouthfeel through refining

3 × 2 variations to compare: three magnesium compounds × two flavour variants.
The demonstration samples show how refining can support a smooth mouthfeel in mineral-enriched chocolate. Explore three magnesium sources with different magnesium contents, solubility profiles and sensory characteristics – each with and without a masking flavour.

Magnesium Oxide ≈60 % Mg content

Highest magnesium content – so only a small amount is needed in the chocolate. Insoluble in water and largely neutral in taste.

Magnesium Carbonate ≈25 % Mg content

Fine white powder with a mild, slightly alkaline taste. A proven raw material for food supplements and foods.

Magnesium Citrate ≈15 % Mg content

Organic magnesium salt with good water solubility. Its slightly sour note is where the masking flavour makes the biggest difference.

Without masking flavour
Shows the pure taste profile of each magnesium compound in the chocolate.

With masking flavour
A masking flavour covers mineral, bitter or metallic notes and rounds off the chocolate taste.

Talk to us about suitable protein crisp and magnesium options for your next confectionery concept.

Lehmann&Voss&Co. KG
Alsterufer 19 · 20354 Hamburg · Germany · Phone: +49 40 44 197 274
Email: nutritionminerals@lehvoss.de · www.lehvoss-nutritionminerals.com

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