

PRODUCT SPECIFICATION · LIFEPACK MAP BAG

Sage

Salvia officinalis



PRODUCT DETAILS

Product	Lifepack MA-MH (Modified Atmosphere / Modified Humidity) sage MAP bag. MAP maintains high humidity and prolongs senescence, thus keeping the product fresher and firmer for longer.
Produce type	Culinary herb, harvested when the stem is soft to semi-woody, with or without flowers
Ethylene	Production Moderate · sensitivity Moderate (produces and is somewhat sensitive to ethylene — published postharvest data)
Suitable for	Organic & conventional sage (inert film — no organic certification needed)
Background	Sage is harvested while the stem is soft to semi-woody, sometimes with immature or mature flowers still attached. Its low thermal mass and large surface area make it highly perishable, and control of ethylene exposure helps preserve colour and aroma.

PERFORMANCE & BENEFITS

Shelf life – cold chain	Up to 3 weeks at 0–2 °C
Shelf life – ambient	5–7 days at 10 °C
Recommended atmosphere	O ₂ 1–5% · CO ₂ 5–15% · RH 95–100% General postharvest guidelines (fresh culinary herbs — UC Davis Postharvest).
LIFEPACK MAP BAG KEY BENEFITS	• Extended shelf life for longer storage and distribution • Reduced dehydration and wilted leaves • Preservation of aroma and flavour • Inhibition of chilling injury • Maintained fresh, green leaves and stems • Maintained freshness and firmness • Inhibition of storage mould and rots • Higher profitability due to reduced wastage

MATERIAL, FILM & COMPLIANCE

Film structure	Coextruded multilayer film — polyamide (Nylon-6, CAS 25038-54-4) and polyethylene / copolymer (CAS 9002-88-4)
Thickness / WVTR	22 microns · water vapour transmission (WVTR) 7–9 g/m ² /day
Properties	Transparent film; melting point 104–115 °C; density 0.918–0.923 g/cm ³ ; insoluble in water; stable
Food-contact compliance	FDA 21 CFR 177.1500 & 177.1520; EU 10/2011 and migration limits (EU) 1183/2012
Food safety	Manufactured under FSSC 22000 / ISO 22000 — current certificates on request

AVAILABLE SIZES

Formats Lifepack MAP bags available to fit standard 2, 5 and 10 kg cartons. Custom sizes on request.

Legal disclaimer: Lifepack SA has no control over the farming, handling, storage or transport of produce packed in LIFEPACK modified atmosphere packaging (MAP) and gives no express or implied guarantee and accepts no liability. Full disclaimer: <https://www.lifepacksa.co.za/legal-disclaimer/>

