# Sucralose-Ace-K Blend 25/75

*Sucralose 25% and acesulfame potassium 75% · CAS — · Sucralose and acesulfame potassium, 25:75 dry blend*

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

| IDENTITY / FORM | FORMULA | CAS | PRIMARY ASSAY |
|---|---|---|---|
| Sucralose and acesulfame potassium, 25:75 dry blend | Sucralose 25% and acesulfame potassium 75% | — | 24.5–25.5% (HPLC) |
| **METHOD** | **MINIMUM ORDER** | **LEAD TIME** | **STANDARD PACK** |
| HPLC for both actives | 1 kg | 3–10 days | 1 kg foil pouch · 25 kg fiber drum |

## DESCRIPTION

A 25:75 sucralose-Ace-K blend for a rounded high-intensity sweetness, specified by each active, the ratio and the homogeneity.

## SWEETNESS

250–300 × sucrose, indicative

## TASTE NOTE

Fast onset from the Ace-K with a rounder tail from the sucralose; the blend reduces the metallic linger of Ace-K alone.

## SPECIFICATION

| PARAMETER | SPECIFICATION | METHOD / NOTE |
|---|---|---|
| Sucralose | 24.5–25.5% (HPLC) | As stated |
| Acesulfame potassium | 74.5–75.5% (HPLC) | As stated |
| Appearance | White powder | As stated |
| Moisture | ≤1.0% | As stated |
| Solubility | Freely soluble in water | As stated |
| Particle size | ≥95% through 80 mesh | As stated |
| Homogeneity | Specified by the blend protocol | As stated |
| Bulk density | 0.50–0.80 g/mL | As stated |
| Heavy metals | Pb ≤0.5 · As ≤0.5 · Cd ≤0.5 · Hg ≤0.1 mg/kg | As stated |
| Microbiology | APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent | As stated |
| Marker / profile | Sucralose 24.5–25.5%, Ace-K 74.5–75.5% | Identity |
| Solubility | Freely soluble in water; clear at use levels. | Matrix dependent |

| PARAMETER | SPECIFICATION | METHOD / NOTE |
|---|---|---|
| Starting use level | 0.005–0.03% in beverages, depending on the target sucrose equivalence | Application dependent |
| pH behaviour | Stable across normal beverage pH. | Matrix dependent |

## APPLICATIONS

- Beverages
- Tabletop
- Dairy
- Confectionery
- Chewing gum

## AVAILABLE FORMS

- Powder, 80 mesh
- Granular
- Custom ratio

## PACKING

- 1 kg foil pouch
- 25 kg fiber drum

## STORAGE

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

## DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

**Catalog document.** This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

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