



TECHNICAL DATA SHEET (TDS)

AROMOLOGY TRADING LLC

Address: G15 Union Coop Mall, Nadd Al Hamar, Dubai, UAE

Telephone: +971 505197601

Website: www.aromology.com

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Decanal (C10)
Product Code / SKU	NA2362-92
CAS Number	112-31-2
FEMA No.	2362
FL No.	05.010
HS Code	2912.19.2000
Product Type	Natural Aroma / Fragrance Ingredient
Legal Status (US)	FEMA GRAS – 21 CFR 101.22
Legal Status (EU)	Natural flavouring substance – Regulation (EC) No. 1334/2008, Article 3(2)(c)

ORGANOLAPTIC PROPERTIES

Parameter	Description
Physical State	Liquid
Appearance	Clear
Colour	Colourless to slightly yellow
Odour / Flavour Profile	Citrus, fatty, floral; fatty orange nuances



SPECIFICATIONS

Test	Specification
Purity (GC)	≥ 95 %
Specific Gravity (20°C)	0.813 – 0.835
Refractive Index (20°C)	1.426 – 1.432
Flash Point	85°C (185°F)
Boiling Point	204°C (399.2°F)
Solubility	Soluble in alcohol and propylene glycol; moderately soluble in oils

APPLICATION INFORMATION

Parameter	Details
Typical Uses	Citrus, apple, peach, grape, strawberry, cheese, cranberry flavour compositions
Recommended Use Level	0.005 – 5 ppm (as consumed)
Use Type	Flavour & fragrance formulations

STORAGE & STABILITY

Parameter	Details
Storage Conditions	Store in a cool, dark area below 70°F (21°C). Purge container with nitrogen after each opening.
Shelf Life	12 months under recommended storage conditions



QUALITY INFORMATION

Parameter	Details
Quality Control	Manufactured under an internal quality assurance program including isotropic testing of starting materials
Last Review Date	19 February 2025

DECLARATION

The information provided in this Technical Data Sheet is based on reliable data and is offered in good faith. It does not constitute a guarantee of performance. Users are responsible for determining suitability for their intended application.

Document Type: Technical Data Sheet (TDS)

Revision: 01

Date of Issue: February 2025

Document Status: Computer-generated; no signature required