



ELAROMA - pAAL™ (Para Anisic Aldehyde)

Technical Datasheet

1. Technical Datasheet

Property	Specification
Physical Properties	
Appearance	Clear, colorless to pale yellow liquid
Physical Form	Liquid
Odor	Sweetish odor
Molecular Weight (g/mol)	136.15
Density or Specific Gravity	1.1191 g/cu cm at 15 °C
Viscosity	4.22 mPa s at 25 °C
Refractive Index	1.5730 at 20 °C
pH (if aqueous solution)	7 (2g/l, H ₂ O, 20°C)
Assay (GC)	97.5% min (97-99%)
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Chemical Properties	
Hazardous Reactions	When heated to decomposition it emits acrid smoke and irritating fumes.
Thermal Properties	
Melting Point	0 °C
Boiling Point	255 °C
Flash Point	116 °C (241 °F) - closed cup

2. Processing Methods



Shampoo

Add during the cool-down phase, to preserve its aroma and prevent degradation due to heat. Pre-mix with a solubilizer to ensure uniform dispersion in the aqueous base.

Key Ingredients	Indicative Dosage (% w/w)
Water	63%
Sodium Laureth Sulfate	15%
Cocamidopropyl Betaine	6%
Glycerin	3%
Citric Acid	0.3%
Polyquaternium-10	0.2%
Disodium EDTA	0.1%
Preservative (e.g. Phenoxyethanol)	0.8%
Fragrance blend	11.4%
Para Anisic Aldehyde	0.2% (included in the 11.4%)

Soap

Add during the fragrance phase, when the soap has cooled below 45°C, to minimize evaporation and maintain scent quality. Pre-blend with other fragrance components for better dispersion and scent consistency throughout the soap.

Key Ingredients	Indicative Dosage (% w/w)
Sodium Palmate	40%
Sodium Palm Kernelate	25%
Water	15%
Glycerin	5%
Sorbitol	5%
Titanium Dioxide	1%
Tetrasodium EDTA	0.1%
Preservative (e.g. BHT)	0.2%
Fragrance Blend	8.5%
Para Anisic Aldehyde	0.2% (within the 8.5%)



Cream

Add during the cool-down phase, to preserve fragrance integrity and avoid evaporation or degradation. Pre-dilute in a carrier oil or solubilizer for even distribution in the emulsion

Key Ingredients	Indicative Dosage (% w/w)
Water	70%
Glycerin	5%
Cetearyl Alcohol	4%
Caprylic/Capric Triglyceride	5%
Glyceryl Stearate	3%
Dimethicone	2%
Phenoxyethanol	0.8%
Ethylhexylglycerin	0.2%
Carbomer	0.3%
Triethanolamine	0.2%
Tocopherol	0.2%
Fragrance blend	9%
Para Anisic Aldehyde	0.09% (included in fragrance)

3. Dosing by Application

Product	Authorized dosage
Perfume/Fragrance	0.2% - 1.4%
Cosmetics/Personal Care	Up to 1.4%

The information and data contained herein are believed to be accurate but may not be all inclusive and should only be used as a guide. The information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the product for his particular use and on condition that they assume the risk of the use thereof.

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