



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Item	Details
Product Name	Lyr al Schiff Base
Chemical Name	Methyl Anthranilate/Lyr al Schiff Base
Alternative Names	Lyrame; Lyrame Super; Methyl Anthranilate-HMPCC Schiff Base
CAS Number	67634-12-2
EC Number	266-816-6
Molecular Formula	C ₂₁ H ₂₉ NO ₃
Molecular Weight	343.47 g/mol
Product Type	Synthetic Schiff Base Fragrance Material
Batch Number	Representative Specification
Issue Date	21 July 2026
Retest Period	24 months under recommended storage conditions

The registered chemical identity corresponds to the methyl-anthranilate Schiff base of a hydroxy-methylpentyl cyclohexene carboxaldehyde and has molecular formula C₂₁H₂₉ NO₃.

ORGANOLEPTIC AND PHYSICAL ANALYSIS

Parameter	Specification	Representative Result
Appearance	Clear viscous liquid	Complies
Colour	Yellow to amber-yellow	Complies
Odour	Sweet floral, orange blossom, muguet and honey-like	Characteristic



Relative Density at 25 °C	1.055–1.075	1.067
Refractive Index at 20 °C	1.525–1.535	1.530
Flash Point	Above 100 °C	Complies
Solubility in Water	Practically insoluble	Complies
Solubility in Ethanol	Soluble	Complies

CHEMICAL ANALYSIS

Parameter	Representative Specification	Representative Result
Schiff Base Assay	≥90.0%	94.2%
Residual Methyl Anthranilate	≤5.0%	3.1%
Residual HMPCC/Lyral	Batch-specific analysis required	Not determined
Water Content	≤1.0%	0.4%
Acid Value	≤2.0 mg KOH/g	0.8 mg KOH/g
Added Solvent	None unless declared	None declared

IMPORTANT COMPLIANCE NOTE

The Schiff-base assay does not by itself establish cosmetic or IFRA compliance.

The following must be confirmed through manufacturer-issued analytical documentation:

- Residual unreacted HMPCC/Lyral.
- Potential release of HMPCC through hydrolysis.
- Residual methyl anthranilate.
- Presence of any carrier or processing solvent.
- Applicable IFRA status.
- Suitability for the intended national market.

QUALITY DECLARATION

This material complies with the representative physical and organoleptic specification stated above.

This certificate is based on representative fragrance-industry specifications and is not a substitute for a producer-issued batch Certificate of Analysis.

The original manufacturer's batch-specific Certificate of Analysis and regulatory documentation shall always take precedence.



STORAGE

Store in tightly sealed original containers in a cool, dry and well-ventilated location.

Protect from:

- Moisture.
- Strong acids.
- Direct sunlight.
- Excessive heat.
- Strong oxidising agents.

Recommended storage temperature: 15–25°C.

CONCLUSION

Representative Physical and Organoleptic Result: COMPLIES

Regulatory and Residual-HMPCC Status: REQUIRES MANUFACTURER CONFIRMATION

Authorised by:

Fozia Khot
Director