

Product Name	Carmoisine (Azorubine, E122)	CAS Number	3567-69-9
Catalogue Number	ASD-637	E Number	E122 CI 14720
Batch Number	C2507-10	Grade	Food / Laboratory
Manufacturing Date	February 2026	Expiry Date	June 2028
Packed & Supplied by	AuSaMicS Pty Ltd 31 Longview CT, Thomastown VIC 3074, Australia ABN: 56 676 640 467		
Intended Use	Food, beverage, pharmaceutical, cosmetic, and laboratory applications where permitted by applicable legislation		

1. Analytical Results

No.	Test Parameter	Specification	Method	Result
1	Total Dye Content (dried at 105 ± 1°C, 2 hr)	85.0% Min.	Spectrophotometric	87.00%
2	Volatile Matter at 135°C (NaCl / Sulphates)	15.0% Max.	Gravimetric (LOD)	8.50%
3	Water Insoluble Matter (by mass)	0.20% Max.	Gravimetric filtration	0.09%
4	Subsidiary Dyes	1.00% Max.	TLC / HPLC	0.17%
5	Combined Ether Extract	0.20% Max.	Solvent extraction	0.08%
6	Dye Intermediates	0.50% Max.	HPLC	0.16%
7	Lead (Pb)	20 ppm Max.	ICP-OES	1.3 ppm
8	Arsenic (As)	3 ppm Max.	ICP-OES	< 1 ppm
9	Heavy Metals (as Pb)	40 ppm Max.	ICP-OES	< 40 ppm

CONCLUSION: THE SAMPLE (BATCH C2602-01) COMPLIES WITH ALL SPECIFICATIONS OF THE STANDARD

2. Regulatory Compliance

Standard / Regulation	Status
FSANZ Food Standards Code 1.3.1	Permitted food colourant — subject to maximum permitted levels (MPL) per food category
EU Food Additive Regulations	Approved as E122 (Carmoisine / Azorubine) — subject to MPL
Codex Alimentarius	Listed — subject to MPL per food category
USA (FDA)	NOT approved for food use in the United States
HS / AHECC Code	3204.19.00 — Synthetic organic colouring matter



CERTIFICATE OF ANALYSIS

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3. Storage & Shelf Life

- Store at 15–25°C in a cool, dry location, away from direct light and heat
- Keep container tightly sealed when not in use
- Protect from moisture and contamination
- Batch C2602-01 expiry: June 2028 — refer to product label for confirmation

DISCLAIMER: This Certificate of Analysis relates solely to Batch No. C2602-01 of Carmoisine (ASD-637). AuSaMicS Pty Ltd warrants that this product conforms to the specifications stated herein at the time of manufacture and dispatch. Final product suitability, use levels, and regulatory compliance must be determined by the end user in accordance with FSANZ, Codex Alimentarius, and other applicable national regulations. Carmoisine (E122) is not approved for food use in the United States. This product is not intended for therapeutic or medicinal use. AuSaMicS Pty Ltd accepts no liability for misuse outside its intended application. Specifications are subject to change without notice.

Authorised by:

Hassan Salimi
Founder & Technical Director
AuSaMicS Pty Ltd

Document Reference:
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Version: 1.0

Signature: _____
Date: _____