



ACIDO CITRICO ANHIDRO GRANULAR (EUR. PH.)

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|-----------------------------|--------------------------------|---------------------|
| PRODUCT CODE: 0053 | CAS Nº: 77-92-9 | ANALYSIS Nº: 165/24 |
| MANUFACTURER BATCH: 1298979 | CERTIFICATE ID: 42.588 | |
| SUPPLIER BATCH: W0021904 | MANUFACTURING DATE: 30/04/2024 | |
| METAPH BATCH: 0110624 | EXPIRY DATE: 30/04/2027 | |

| ATTRIBUTES | SHOULD BE | IS |
|---------------------------------|---|------------------------------|
| Appearance | White or almost white, crystalline powder, colourless crystals or granules | White crystalline powder (*) |
| Melting point | about 153 °C, with decomposition | 153.4 °C (*) |
| Identification B | Complies | Complies (*) |
| Identification E | Complies | Complies (*) |
| Appearance of solution | Clear and colourless or not more intensely coloured than ref. sol. Y7, BY7 o GY7 | Complies |
| Readily carbonisable substances | The solution is not more intensely coloured than a mixture of 1 mL red primary sol. and 9 mL of yellow primary sol. | Complies |
| Oxalic acid | =< 360 ppm | < 100 ppm |
| Sulfates | =< 150 ppm | < 100 ppm |
| Water | =< 1.0 % | 0.2 % (*) |
| Sulfated ash | =< 0.1 % | < 0.05 % |
| Assay | 99.5 - 100.5 % | 100.3 % (*) |

COMPLIES WITH

European Pharmacopoeia 11.0

REMARKS

Citric Acid is subjected to the requirements of the ICH Q3D "Elemental Impurities" and the requirements of guides EMA/CHMP/ICH/82260/2006.

(*) Data controlled by Metapharmaceutical Industrial SL.

Certificates of residual solvents, allergens, non-GMO and BSE-TSE, are available upon request.

All methods of analysis are validated by official pharmacopoeias or are validated by internal methods of the manufacturer, which can be obtained at specific request. The above information does not exempt from the obligation to identify the product before use.

STORAGE

Store in closed containers in a well-ventilated place, away from heat and direct sunlight.

Analysis date: 15/07/2024
Signature: Albert Sanchez Lopez (QP)
Conclusion: Complies

Manufacturer: 40000545