

Making our world more productive



CERTIFICATE OF CONFORMITY

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|----------------------|---|-------------------------------|
| Product name: | Carbon dioxide, liquified | Type: For use in foods, E 290 |
| Batch No. | 220-A-091024 | |
| Loading Document No. | 98253 | Route No. Not applicable |
| Tanker No. | AA4987XI | Seal No. Not applicable |
| Manufacturing site: | Linde Gaz Polska Sp. z o.o. LIC Plant Tarnów, ul. Eugeniusza Kwiatkowskiego 8, 33-101 Tarnów, Poland | |

| Parameter: | Specification: | Status: |
|--|--------------------------------|----------|
| Carbon dioxide | ≥ 99.99 % | Complies |
| Water | ≤ 10 ppm | Complies |
| Sulphur, total | ≤ 0.10 ppm | Complies |
| Hydrocarbons (as CH ₄) | ≤ 10 ppm | Complies |
| Hydrocarbons (without CH ₄) | ≤ 5 ppm | Complies |
| Methanol | ≤ 10 ppm | Complies |
| Acetaldehyde | ≤ 0.2 ppm | Complies |
| Oxygen | ≤ 10 ppm | Complies |
| Carbon monoxide | ≤ 5 ppm | Complies |
| Ammonia | ≤ 0.25 ppm | Complies |
| Oxides of Nitrogen (NO _x) | ≤ 2 ppm | Complies |
| Benzene | ≤ 0.02 ppm | Complies |
| BTEX | ≤ 0.005 ppm | Complies |
| Non-volatile residue | ≤ 5 ppm | Complies |
| Non-volatile organic residue | ≤ 3 ppmw | Complies |
| Phosphine | ≤ 0.1 ppm | Complies |
| Appearance in water | No colour or turbidity | Complies |
| Taste and odour in water | No foreign taste and colour | Complies |
| Odour and appearance of solid CO ₂ (snow) | No foreign odour or appearance | Complies |

Notes:

The delivered product complies with the requirements of Commission Regulation (UE) No. 231/2012 and the requirements of batch analysis as given by EIGA/ISBT. This product meets the requirements of PN-EN ISO 14175:2009 standard and is appropriate for the applications given in PN-EN 1090 standard.

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|------------|-------|--------------|---------------|
| Date: | Time: | Use-by date: | Results: |
| 10/12/2024 | | 12.10.2027 | Krzysztof Bąk |

