Quality Control CAESAR LORETZ GmbH Herderstr. 31 D-40721 Hilden

Certificate of analysis



| Article | 7455 | Natriumlactat-Lösung 50% | | | |
|-----------------------------|-------------|-----------------------------|-------------|----------|--|
| Synonym | | Natrii lactatis solutio | | | |
| Synonym | | Sodium lactate solution 50% | | | |
| Batch | 160562 | | | | |
| Specification | PH.EUR. 8.0 | | | | |
| Expiry date | 11.2018 | | | | |
| Test | | Specification | Result | | |
| Characters | | In accordance | Complies | | |
| -Appearance | | In accordance | Complies | Complies | |
| -Solubility | | In accordance | Complies | Complies | |
| Identification | | In accordance | Complies | Complies | |
| -A | | In accordance | Complies | Complies | |
| -В | | In accordance | Complies | Complies | |
| -Raman spectophotometry | | In accordance | Complies | Complies | |
| Tests | | In accordance | Complies | Complies | |
| -Appearance of solution | | In accordance | Complies | | |
| -рН | | 6,5 - 9,0 | 7,5 | | |
| -Reducing sugar, saccharose | | In accordance | Complies | # | |
| -Chlorides | | Max 50 ppm | Max 50 ppm | # | |
| -Oxalate, phosphate | | In accordance | Complies | # | |
| -Sulphates | | Max 100 ppm | Max 100 ppm | # | |
| -Barium | | In accordance | Complies | # | |
| -Iron | | Max 10 ppm | Max 10 ppm | # | |
| -Heavy metals | | Max 10 ppm | Max 10 ppm | # | |
| Assay (sodium lactate) | | 48,0 - 52,0 % | 50,4 % | # | |
| Complies specification | | **** | Yes | | |

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| Release date | 15.03.2016 | Head of Quality Control | Fr. Dr.Haßel | | |

Result taken from the manufacturer's certificate

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