

neoFroxx GmbH

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Specification

| | |
|----------------|--|
| Product | Tetracycline hydrochloride for biochemistry |
| Brand | BioFroxx |

| | |
|------------------------|--------------------------------|
| Product number | 1302 |
| Formula | $C_{22}H_{24}N_2O_8 \cdot HCl$ |
| Molecular weight | 480.90 g/mol |
| CAS number | 64-75-5 |
| Storage | below 25°C |
| Retest period (months) | 60 |

| Parameter | Specification |
|---|---------------------------|
| Assay (HPLC) | min. 95 % |
| Appearance | yellow crystalline powder |
| $\alpha_{20^\circ C/D}$; 0.5 %, 0.1 M HCl, calc. on dried subst. | -240° to -255° |
| pH (1 % in water) | 2.0 - 3.0 |
| Loss on drying (3 h; 60°C; vacuum) | max. 2 % |

Einhausen, 06.04.2020