

Analytical Data Sheet

Lot number **1058127**
not for drug use

Catalog number **E-2370.0025**
Product number **4001024.0025**
Product **Sar- OMe · HCl**
Molecular formula **C₄H₉NO₂ · HCl**
Relative molecular mass **139.58**

| Tests | Results | | | | | | | | |
|-------------------------------------|---|--------|-------|-------------|-------------|------------|------------|-------------|------------|
| Appearance | white powder | | | | | | | | |
| Appearance of solution | clear, colorless solution (50 mg/ml in MeOH) | | | | | | | | |
| Identification (elemental analysis) | <table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 34.42 %</td><td>C = 34.14 %</td></tr><tr><td>H = 7.22 %</td><td>H = 7.26 %</td></tr><tr><td>N = 10.03 %</td><td>N = 9.98 %</td></tr></tbody></table> | Theory | Found | C = 34.42 % | C = 34.14 % | H = 7.22 % | H = 7.26 % | N = 10.03 % | N = 9.98 % |
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| Identification (TLC) | conforms with authentic material | | | | | | | | |
| Melting point | 123 ° | | | | | | | | |
| Purity (TLC) | > 99% | | | | | | | | |
| TLC conditions | chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 960/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine | | | | | | | | |
| Chloride content (titration) | 25.2% (AgNO ₃) | | | | | | | | |