

## Analytical Data Sheet

Lot number **1000013778**  
not for drug use

Catalog number **E-2360.0025**  
Product number **4001102.0025**  
Product **Sar- OtBu · HCl**  
Molecular formula **C<sub>7</sub>H<sub>15</sub>NO<sub>2</sub> · HCl**  
Relative molecular mass **181.66**

Tests	Results
Appearance	white crystals
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (elemental analysis)	Theory Found C = 46.3% C = 46.3% H = 8.9% H = 9.0% N = 7.7% N = 7.7%  calc. x 1.0 HCl (20.1%, Cl <sup>-</sup> 19.5%)
Identification (TLC)	complies with authentic material
Melting point	149 °C
Purity (TLC)	> 99%
TLC conditions	ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	100.0% (Cth 46.28%, Cfd 46.27%)
Water content (KF volumetric)	0.4%
Chloride content (titration)	19.8%

Latest update: March 21, 2019

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