

## Analytical Data Sheet

Lot number **1000027899**  
not for drug use

Catalog number **Q-1515.0001**  
Product number **4008302.0001**  
Product **(S) - 3- Isopropylamino- 1, 2- propanediol hydrochloride salt**  
Molecular formula **C<sub>6</sub>H<sub>15</sub>NO<sub>2</sub>**  
Relative molecular mass **133.19**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_{365}^{24} = -78.6^{\circ}$ (1.24% in water)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/ammonia 25% 20/10/3 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	78.9% (Nth 10.52%, Nfd 8.30%)
Chloride content (titration)	20.9%

Latest update: February 03, 2020

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