

## Analytical Data Sheet

**Lot number** **1000033581**  
not for drug use

**Product** H-Trp-Pro-OH  
**Product number** **4003908.0250**  
**Molecular formula** C<sub>16</sub>H<sub>19</sub>N<sub>3</sub>O<sub>3</sub>  
**Relative molecular mass** 301.35

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50mg/mL in acetic acid 80%)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 6/5/1/3 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	93.1% (Nth 13.94%, Nfd 12.73%)
<b>Water content (KF volumetric)</b>	8.8%

Latest update: June 16, 2020

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