

## Certification of Analysis

**Name:** 2-[[[(3aR,4S,6R,6aS)-6-Aminotetrahydro-2,2-dimethyl-4H-cyclopenta-1,3-dioxol-4-yl]oxy]-ethanol (2R,3R)-2,3-dihydroxybutanedioate  
**CAS:** 376608-65-0  
**Molecular Formula:** C<sub>10</sub>H<sub>19</sub>NO<sub>4</sub>.C<sub>4</sub>H<sub>6</sub>O<sub>6</sub>  
**Quantity:** 169.5kg

**Batch No.:** 20170104

**Mfg. Date:** Jan, 4<sup>th</sup>, 2017

**Retest Date:** Jan, 3<sup>rd</sup>, 2019

Items	Specification of Standard	Result of Analysis
<b>Appearance</b>	White or off-white solid	Passed
<b>Identification</b>	HPLC	Passed
<b>Related substance</b>	Any individual impurity $\leq 0.10\%$ Total impurities $\leq 1.00\%$	0.08% 0.21%
<b>Water</b>	$\leq 2.00\%$	0.08%
<b>Loss on drying</b>	$\leq 2.00\%$	0.10%
<b>L(+)-Tartaric acid</b>	40.00%-42.00%	41.20%
<b>Assay</b>	98.00%~102.00%	99.62%
<b>Conclusion</b>	The batch meets to the enterprise's standards.	

Checker: Hongna Pei

Approval: