

CERTIFICATE OF ANALYSIS

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|----------------------|---------------|--------------------|---------------|
| Product Name | D-Cycloserine | CAS No. | 68-41-7 |
| Batch No. | P011061119A | Mfg. Date | Oct. 10, 2019 |
| Quantity | 200kg | Retest Date | Oct. 09, 2021 |
| Packing | 25kg/Drum | Report Date | Oct. 15, 2019 |
| Specification | USP40 | | |

| ITEM | SPECIFICATION | RESULT |
|----------------------------------|--|------------|
| Appearance | White to pale yellowish crystalline powder | Complies |
| Identification | A blue color gradually develops | Complies |
| Specific Optical Rotation | +108°~ +114° | +110.74° |
| Polymer | ≤0.80(at 285nm) | 0.50 |
| Crystallinity | Should comply | Complies |
| pH | 5.5~6.5 | 6.03 |
| Loss on Drying | ≤1.0% | 0.31% |
| Residue on ignition | ≤0.50% | 0.07% |
| Organic Residues | Should comply | Complies |
| Assay | ≥900 µg/mg(potency) | 987.9µg/mg |
| Conclusion | Comply with the specification. | |
| Storage | Preserve in tight containers, protected from strong light and high heat. | |

Analyst:

Reviewed by:

Approved by: