



CERTIFICATE OF ANALYSIS

Date: 17-06-2025

| Product Name | Quetiapine EP Impu | rity E | | | | |
|--|--|--|-------------------|--|--|--|
| Chemical Name | | 11,11'-[ethylenebis(oxyethylenepiperazine-4,1- diyl)]bis(dibenzo[b,f][1,4]thiazepine) | | | | |
| Structure | | | | | | |
| | | | | | | |
| | N S | | | | | |
| Batch. No. | - | CAS No. | 1371638-05-9 | | | |
| | - | CAS No. Retest Date | 1371638-05-9 2 | | | |
| Analysis Date | - - C ₄₀ H ₄₄ N ₆ O ₂ S ₂ | | | | | |
| Batch. No. Analysis Date Mol. Formula Long term Storage | | Retest Date | 2 704.9 | | | |

| Test | Result | | | |
|---|-----------------------|--|--|--|
| Appearance | - | | | |
| Solubility | - | | | |
| 1H-NMR | Conforms to structure | | | |
| MASS | Conforms to structure | | | |
| Chromatographic Purity | >90% | | | |
| Note: This material should be used for research nurness and not for human or animal | | | | |

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

| | Prepared By | Checked By | Approved By |
|-----------|-------------|------------|-------------|
| Signature | | | |
| Date | | | |

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