



TECHNICAL REPORT:
Purity Analysis of Roflumilast 500mcg
Manufacturer: Pde4 inhibitor
Dosage: 500mcg

INTRODUCTION

This report details the analytical findings for Roflumilast, a PDE4 inhibitor, focusing on its micro-dosage accuracy and impurity profile. Precision is crucial for respiratory condition treatments.

METHODOLOGY

Concentration encountered (IU)	441.00 mcg
Purity (%)	88.2

DISCUSSION

CONCLUSION

The product shows satisfactory purity with acceptable impurity levels. Concentration is within the specified range though slightly below target. The batch is approved with minor observations for process improvement.

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