

## Certificate of Analysis

Date of Testing: 2024-06-18 11:28:48  
Date of Next Testing: 2026-06-18 11:28:48  
Product Name: **Roflumilast**  
CAS Number: 162401-32-3  
Specifications & Purity:  $\geq 99\%$   
Lot #: K2006136  
SKU #: **R126602**  
Version: **0**  
Analysis #: **370775**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.20000 %
Carbon by Elemental Analysis	49.9-50.8 (%)	50.18 %
Oxygen by Elemental Analysis	11.6-12.1 (%)	11.67 %
Nitrogen by Elemental Analysis	6.7-7.1 (%)	6.89 %
Appearance (R126602)	White to off-white solid	White to off-white solid
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager