

Certificate of Analysis

Date of Testing: 2025-08-12 14:13:39
 Date of Next Testing: 2028-08-11 14:13:39
 Product Name: **Isobutyryl coenzyme A lithium salt**
 CAS Number: 103404-95-1
 Specifications & Purity: $\geq 85\%$
 Lot #: G2516238
 SKU #: **I341486**
 Version: **1**
 Analysis #: **458407**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	85-100 (%)	89.00000 %
Absorption Excitation (1)	258-262 (nm)	259.00000 nm
Extinction Coefficient	12.5-15.5	13.30
Lithium(Dry Basis)	0.5-3.2 (%)	2.00 %
Phosphorus(Anhydrous and corrected for Lithium)	9.1-11.2 (%)	10.90000 %
Water by Karl Fischer	0-10 (%)	4.00 %
Appearance(I341486)	White powder	White powder
Solubility,Clear ccolorless solution at 100 mg/ml in water	Pass	Pass



John Su
QA & QC Manager