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Certificate of Analysis

Catalogue Number	00111
Lot Number	000718-14892923
Product	P¹,P⁵-Di(adenosine-5')pentaphosphate trilithium salt Ap ₅ A
CAS Number	75522-97-3
Molecular Formula	C ₂₀ H ₂₆ N ₁₀ O ₂₂ P ₅ Li ₃
Molecular Weight	934.2
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Appearance	White to slightly yellowish lyophilisate
Solubility	Clear colorless to slightly yellow solution (10 mg/mL in H ₂ O)
Water Content (Karl Fisher)	1%
UV Ratios	(abs. max at 260 nm, E = 26.4 (1 / mmol x cm)) A ₂₅₀ /A ₂₆₀ 0.79 A ₂₈₀ /A ₂₆₀ 0.20 A ₂₉₀ /A ₂₆₀ 0.01
Assay	Assay Ap ₅ A Li ₃ (from Porg): 92% Assay Ap ₅ A (spectrophotometer): 95% Assay Ap ₅ A: 90% Porg (P _{total} -Pinorg): 15.2% Pinorg: 0.1% Li content (Flame photom): 2.0%
Purity by HPLC	97.4%
Storage	Store at 0-8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager