

CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-272093 Lot Number: SAMPLE

Product Name: Potassium hydrotris(1-pyrazolyl)borate

 $\begin{array}{lll} \text{CAS Number:} & 18583\text{-}60\text{-}3 \\ \text{Molecular Formula:} & \text{$C_9H_9BKN_6$} \\ \text{Molecular Weight:} & 252.12 \\ \end{array}$

Test	Specification	Result
Appearance (Color)	White to off white	White
Appearance (Form)	Powder or crystal or chunk(s)	Powder with chunk(s)
Identification (¹H-NMR)	Consistent with structure	Complies
Purity (Titration)	96.5 - 103.5 %(NaOH, based on boron content)	100.8 %(NaOH, based on boron content)
Carbon Content	41.4 - 44.4 %	42.6 %
Nitrogen Content	32.2 - 34.5 %	32.8 %
Potassium		Complies

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