

CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-263948
Lot Number: SAMPLE

Product Name: Niobium N-Butoxide

 $\begin{array}{lll} \text{CAS Number:} & 51030\text{-}47\text{-}8 \\ \text{Molecular Formula:} & \text{C_{20}H}_{45}$\text{NbO}_{5} \\ \text{Molecular Weight:} & 458.47 \\ \end{array}$

Test	Specification	Result
Appearance	Clear yellow liquid	Complies
Assay		oxide gravimetrie: 99.5%
Aluminum		< 20 ppm
Calcium		< 5 ppm
Copper		< 1 ppm
Iron		< 2 ppm
n-Butanal		0.50%
Potassium		< 5 ppm
Sodium		< 5 ppm
tantalum		< 100 ppm
Tin		< 2 ppm
Thallium		< 10 ppm
Vanadium		< 10 ppm
Zirconium		< 10 ppm

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