



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-217796
Lot Number: SAMPLE
Product Name: Bromperidol-d4
CAS Number: 10457-90-6 (non-labelled)
Molecular Formula: $C_{21}H_{19}D_4BrFNO_2$
Molecular Weight: 424.34

Test	Specification	Result
Appearance	White to off-white solid	Complies
Assay	$\geq 95.0\%$	98.2%
Identification (1H-NMR)	Conforms to structure	Complies
Identification (Infrared Spectrum)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Isotopic Enrichment	$\geq 98.0\%$	100.0%
Purity (HPLC)	$\geq 98.0\%$	98.3%
Elemental Analysis	Conforms to structure	Complies
Residual Solvents		No residual solvent
Solubility		Methanol, DMSO, DMF, Ethanol
Impurity	HPLC	RT 4.73, 1.22%; RT 12.78, 0.48%
Water Content (KF)		0.1%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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