

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Hydroxylapatite,nanopowder,<100 nm particle size(BET), 97%

ITEM NUMBER: H106378
BRAND: Aladdin
CAS NUMBER: 1306-06-5
MDL NUMBER: MFCD00010904
FORMULA: $[\text{Ca}_5(\text{OH})(\text{PO}_4)_3]_x$
MOLECULAR WEIGHT: 502.31

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Faint Blue Powder		
Arsenic (As)	0 ppm	1 ppm	1 ppm
Assay(XRF)	97 %	100 %	100 %
Every particle size(BET)	0 nm	100 nm	100 nm
Heavy metals (as Pb)	0 ppm	8 ppm	8 ppm
X-Ray Diffraction	Conforms to Structure		