

PRODUCT: ARIPIRAZOLE

ITEMS	SPECIFICATIONS
DESCRIPTION	White to off-white crystalline powder
SOLUBILITY	Freely soluble in Dichloromethane, sparingly soluble in toluene, insoluble in methanol and water
IDENTIFICATION BY IR	The Infrared Spectrum of the substance being examined should be concordant with the In-house reference sample spectrum
LOSS ON DRYING AT 105°C +/- 5°C	NMT 0.5 % w/w
RESIDUE ON IGNITION	NMT 0.1 % w/w
HEAVY METALS	NMT 20 ppm
RELATED SUBSTANCES BY HPLC	
<ul style="list-style-type: none"> ➤ 1.4-Bis(3,4-dihydro-2-1H)-Quinoline-7-oxybutane ➤ Any other impurity ➤ Total impurities 	<p>NMT 0.20 %</p> <p>NMT 0.10 %</p> <p>NMT 0.50 %</p>
RESIDUAL SOLVENTS BY GC	
<ul style="list-style-type: none"> a) Methanol b) Dichloromethane c) Isopropyl alcohol d) Chloroform e) Toluene 	<p>NMT 3000 ppm</p> <p>NMT 600 ppm</p> <p>NMT 5000 ppm</p> <p>NMT 60 ppm</p> <p>NMT 890 ppm</p>
ASSAY BY HPLC (on dried basis)	98.0% w/w ~102.0% w/w