

### CERTIFICATE OF ANALYSIS

PRODUCT NAME	IDEBENONE		
BATCH NO	C07-20140603	BATCH SIZE	500KG
MANUFACTURE DATE	06/07/14	SHELF LIFE	2 YEARS
ITEM	SPECIFICATION	RESULT	
Appearance	Orange yellow or yellow crystalline powder	Conforms	
Assay (HPLC)	98.5% Min	99.60%	
Solubility	Insoluble in water, soluble in methanol, alcohol and chloroform	Conforms	
E <sup>1%</sup> <sub>1CM</sub>	458~486	Conforms	
Melting Range	52.0 °C ~ 55.0 °C	53.4 °C ~ 53.9 °C	
Loss on Drying	0.5% Max	0.03%	
Residue on Ignition	0.1% Max	0.02%	
Heavy Metals	10ppm Max	Conforms	
Impurities	0.8% Max	0.50%	
CONCLUSION	MEETS SPECIFICATIONS		
STORAGE	STORE IN COOL AND DRY PLACE AND KEEP SEALED		