

CERTIFICATE OF ANALYSIS



Trade name	ChemK UV-405	
Chemical name	2-[4-[(2-Hydroxy-3-(2-ethylhexyl)oxy)-2-hydroxyphenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine	
Structure	NA	
CAS No.	137658-79-8	
Molecular weight	583.8	
Batch No.	CK-405-110101	
Manufacturing date	10 July, 2011	
Expiration date	10 July, 2013	
Test item	Specifications	Test results
Appearance	Light yellow powder	Light yellow powder
Melting point	74-77°C	75-77°C
Assay(HPLC)	>=93%	95.8%
Transmittance(460nm) (0.5% in toluene)	>=95%	96.0%
Transmittance(500nm) (0.5% in toluene)	>=97%	98.0%
Ash content	<=0.1%	0.04%
Storage	At least 2 years when stored in cool and dry conditions, in the original sealed containers	
Hazards	According to the present state of knowledge provided that this product is handled correctly there is no known danger to humans. Please observe the safety regulations in the Safety Data sheet.	