



大连汉德姆精细化学品有限公司

**DALIAN HANDOM CHEMICALS CO.,LTD.**

**Certificate of Analysis**

**Chemical Name:** 2,4,6-Trianiino-P-(Carbo-2'-Ethylhexyl-1'-Oxy)-1,3,5-Triazine

**Commodity Name:** Ethylhexyl Triazone

**Batch No.:** HDC20230726

**CAS No.:** 88122-99-0

**Molecular Formula:** C<sub>48</sub>H<sub>66</sub>N<sub>6</sub>O<sub>6</sub>

**Manufacturing Date:** Jul 26<sup>th</sup>, 2023

**Retest Date:** Jul 25<sup>th</sup>, 2026

**Quantity:** 5000kg

**Report Date:** Jul 27<sup>th</sup>, 2023

Test Item	Specification	Test Result
Appearance	White to off-white powder	Conforms
IR	Complies with the Standard	Conforms
Extinction value(10ppm solution at 314nm in Ethanol)	Not less than 1500	1560
Water by KF	Not more than 0.50%	0.21%
Colour(Gardner, 100g/L in acetone)	Not more than 2.0	0.2
Melting Point	128°C ~ 132°C	130.8°C
Heavy Metals	Not more than 10 ppm	Conforms
Ethylhexanol	Not more than 200 ppm	Not detected
Toluene	Not more than 890 ppm	2 ppm
Methanol	Not more than 3000 ppm	8 ppm
Hexanes	Not more than 290 ppm	2 ppm
Known impurity	Not more than 0.20%	0.04%
Total impurities	Not more than 1.0%	0.15%
Assay by HPLC	98.0% ~ 103.0%	98.3%

**Conclusion:** The testing results of this batch are complied with the Enterprise Standard.