



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-(Diethylamino)-2-hydroxybenzoyl]benzoic acid hexyl ester
INCI Name: Diethylaminohydroxybenzoyl hexyl benzoate **Batch No.:** HDC20221123
CAS No.: 302776-68-7 **Molecular Formula:** C₂₄H₃₁NO₄
Manufacturing Date: Nov 23rd, 2022 **Retest Date:** Nov 22nd, 2024
Quantity: 1000kg **Report Date:** Nov 24th, 2022

| Test Items | Specifications | Test Results |
|--|---------------------------------------|--------------|
| Appearance | White to off-white powder | Conforms |
| Odour | Comparison against reference standard | Odourless |
| UV spectrum in EtOH | 352nm ~ 356nm | 354nm |
| Specific extinction in EtOH(E1/1) at 354nm | 910 ~ 940 | 922 |
| Colour of melt | Yellow | Conforms |
| Gardner of melt | Not more than 8.2 | 7.5 |
| Bulk Density | 0.58 g/mL ~ 0.70 g/mL | 0.64 g/mL |
| Purity by HPLC | Not less than 98.0% | 98.33% |
| Loss on Drying | Not more than 0.5% | 0.11% |
| Heavy Metals | Not more than 5ppm | Conforms |

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