



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.:** HDC20221226
CAS No.: 302776-68-7 **Molecular Formula:** C₂₄H₃₁NO₄
Manufacturing Date: Dec 26th, 2022 **Retest Date:** Dec 25th, 2024
Quantity: 500kg **Report Date:** Dec 27th, 2022

Test Items	Specifications	Test Results
Appearance	White to off-white powder	Conforms
Odor	Weekly characteristic odor	Conforms
Identification(UV)	352nm ~ 356nm	354nm
Gardner Color (In a moltenmanner)	Not more than 8.2	8.0
Bulk Density	0.58 g/mL ~ 0.70 g/mL	0.63 g/mL
Melting Point	Not less than 54°C	56.3°C
Assay(HPLC)	98.0% ~ 105.0%	100.2%
Loss on Drying	Not more than 0.5%	0.10%
Heavy Metals	Not more than 5ppm	Conforms
Specification absorption(E1/1) (354nm in ethanol)	910 ~ 940	914
Ethanol Residual Solvents	Not more than 1200ppm	3ppm

Conclusion: The batch of products is complied with the Enterprise Standard.