

CERTIFICATE OF ANALYSIS

SALICYLIC ACID USP 46

INCI NAME: SALICYLIC ACID

BATCH NO	MANUFACTURE DATE	EXPIRY DATE	QUANTITY
[2412032]	[DEC. 27, 2024]	[DEC. 26, 2027]	[3,600 KG]

Item	Specification	Result
Appearance	White Crystals, usually in fine needles, or fluffy, white, crystalline powder	White crystalline powder
Solubility	Freely soluble in alcohol and in ether; Soluble in boiling water; sparingly soluble in chloroform; Slightly soluble in water and in benzene	Complies
Identification A - IR	Should be complied with reference spectrum	Complied with reference spectrum
Identification B - HPLC	The retention time of the major peak of the sample solution corresponds to that of the standard solution	The retention time of the major peak of the sample solution corresponds to that of standard solution
Loss on Drying %	≤ 0.5	0.03
Residue on Ignition %	≤ 0.05	0.02
Chloride %	≤ 0.014	< 0.014
Sulfate %	≤ 0.02	< 0.02
4-Hydroxybenzoic Acid %	≤ 0.1	0.03
4-Hydroxyisophthalic Acid %	≤ 0.05	0.01
Phenol %	≤ 0.02	0.002
Other Impurities %	≤ 0.05	0
Total Impurities %	≤ 0.2	0.04
Assay (HPLC) %	98.0-102.0	99.2

Conclusion: Qualified

For and on behalf of
Dylan Chemicals Co., Limited
迪瀾化工有限公司
Authorized Signature(s)