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Specification

Technical Data Sheet

Product Name	alpha-(2,4-Dichlorophenyl)-(1H)-imidazole-1-ethanol
Product No	10348695
CAS Number	24155-42-8
Storage Temperature	Ambient
Molecular Weight	257.12

	Specification
Sulphated Ash	0.1% max
Other Impurity	0.5% max
Appearance	White to coloured powder
Sum of impurity	1.0% max
IR spectrum	Conforms to standard
Potentiometric assay	98 - 101.0%
Melting Range	133 - 138 ° C
Chromatograph purity	99% min
Optical Rotation angle (10% methanol)	0 ± 0.4
1-(2,5-Dichlorophenyl)-2-(1H-Imidazole-1-yl)ethanol	0.1% max
1-(3,4-Dichlorophenyl)-2-(1H-Imidazole-1-yl)ethanol	0.1% max
1-(2,4-Dichlorophenyl)-2-(2-methylimidazole-1-yl)ethanol	0.05% max
1-(2,4-Dichlorophenyl)-2-(4-methylimidazole-1-yl)ethanol	0.05% max
1-(2,4-Dichlorophenyl)-2-(5-methylimidazole-1-yl)ethanol	0.05% max