Scapex | Exports

CERTIFICATE OF ANALYSIS

Standard product specification — applicable to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd., manufacturer and supplier of quality chemicals.

Product Name	Rose Oxide
C.A.S. Number	16409-43-1
Molecular Formula	—
Molecular Weight	—
Grade / Standard	≥97% GC Purity
Physical Form	Colourless to pale yellow liquid
Product Category	Flavour & Fragrance Ingredients
Country of Origin	India

ANALYTICAL RESULTS

S. No.	Test Parameter	Specification	Result	Method
1	Description	Colourless to pale yellow liquid	**Complies**	Visual
2	Identification	Conforms to the structure of the substance	**Complies**	FTIR / Chemical test
3	Assay	Not less than 97.0 % w/w	**97.62**	Titrimetry / Instrumental
4	Odour / Organoleptic	Characteristic; matches reference	**Conforms**	Sensory panel
5	Refractive Index at 20 °C	As per specification	**Conforms**	Refractometry
6	Specific Gravity at 25 °C	As per specification	**Conforms**	Pycnometry
7	Optical Rotation	As per specification	**Conforms**	Polarimetry
8	Purity (by GC)	Not less than 98.0 % (area)	**99.33**	Gas Chromatography
9	Acid Value	Not more than 1.0 mg KOH/g	**0.40**	Titrimetry
10	Heavy Metals (as Pb)	Not more than 10 ppm	**Less than 2 ppm**	ICP-MS
11	Structure	Conforms to reference structure	**Complies**	FTIR / NMR

Remarks

Material supplied against this specification is analysed on every production lot and **conforms** to the limits stated above in all tested parameters. Results shown are the typical values obtained for this grade.

Retained samples are held against every export consignment. Store in tightly closed original packing, in a cool, dry, well-ventilated place away from incompatible materials and direct sunlight.

Checked and Approved by

Prem Panchal
Quality Assurance
Scapex Exports Pvt. Ltd.

This document sets out the standard specification for the product named above and applies to all consignments of this grade. It is issued by Scapex Exports Pvt. Ltd. as manufacturer and supplier. Refer to the Material Safety Data Sheet (MSDS) before handling.

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